

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081084.D
 Acq On : 19 Aug 2015 16:43
 Operator : UM/IZ
 Sample : PB85064BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 00:47:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60009	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	247382	20.00	ng	-0.03
38) Acenaphthene-d10	9.62	164	119748	20.00	ng	-0.03
63) Phenanthrene-d10	11.09	188	228819	20.00	ng	-0.04
75) Chrysene-d12	13.72	240	198453	20.00	ng	-0.03
86) Perylene-d12	15.05	264	182395	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	378683	94.92	ng	-0.02
7) Phenol-d6	6.24	99	565225	108.58	ng	-0.02
23) Nitrobenzene-d5	7.16	82	337121	62.25	ng	-0.03
41) 2,4,6-Tribromophenol	10.41	330	105371	101.51	ng	-0.03
44) 2-Fluorobiphenyl	8.96	172	586982	64.23	ng	-0.03
78) Terphenyl-d14	12.68	244	540563	58.40	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	49916	26.55	ng	96
3) Pyridine	2.71	79	169906	32.02	ng	# 82
4) n-Nitrosodimethylamine	2.66	42	87708	29.69	ng	# 76
6) Aniline	6.25	93	118611	15.67	ng	# 1
8) 2-Chlorophenol	6.37	128	142112	32.54	ng	95
9) Benzaldehyde	6.13	77	54946	16.37	ng	95
10) Phenol	6.25	94	230804	37.54	ng	80
11) bis(2-Chloroethyl)ether	6.33	93	154804	32.82	ng	92
12) 1,3-Dichlorobenzene	6.53	146	151212	32.23	ng	97
13) 1,4-Dichlorobenzene	6.61	146	153625	33.06	ng	100
14) 1,2-Dichlorobenzene	6.76	146	133073	30.60	ng	98
15) Benzyl Alcohol	6.74	79	149288	35.45	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.88	45	293705	31.68	ng	100
17) 2-Methylphenol	6.86	107	121968	32.55	ng	96
18) Hexachloroethane	7.10	117	58711	31.27	ng	97
19) n-Nitroso-di-n-propylamine	7.02	70	118818	32.95	ng	91
20) 3+4-Methylphenols	7.02	107	154253	32.43	ng	# 52
22) Acetophenone	7.01	105	214644	33.05	ng	# 89
24) Nitrobenzene	7.18	77	189950	33.55	ng	99
25) Isophorone	7.42	82	305906	30.29	ng	99
26) 2-Nitrophenol	7.50	139	80070	34.00	ng	# 69
27) 2,4-Dimethylphenol	7.54	122	133046	31.94	ng	95
28) bis(2-Chloroethoxy)methane	7.65	93	189672	31.79	ng	# 98
29) 2,4-Dichlorophenol	7.74	162	116894	33.33	ng	90
30) 1,2,4-Trichlorobenzene	7.82	180	116713	29.94	ng	98
31) Naphthalene	7.90	128	446905	32.41	ng	99
32) Benzoic acid	7.68	122	100462	42.87	ng	89
33) 4-Chloroaniline	7.96	127	66850	11.49	ng	# 87
34) Hexachlorobutadiene	8.02	225	72326	32.81	ng	96
35) Caprolactam	8.33	113	30780	25.11	ng	# 44
36) 4-Chloro-3-methylphenol	8.45	107	144619	34.60	ng	100
37) 2-Methylnaphthalene	8.58	142	262616	30.15	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	116534	30.16	ng	# 97
40) Hexachlorocyclopentadiene	8.74	237	137206	68.61	ng	99

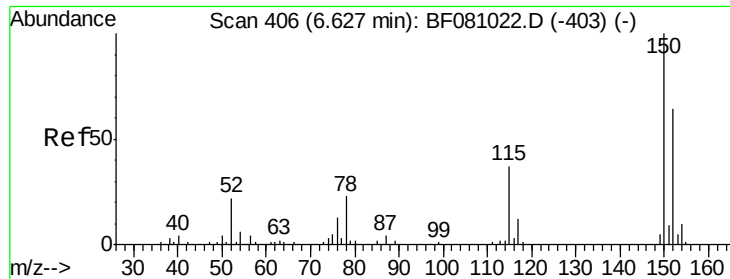
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081084.D
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Quant Time: Aug 20 00:47:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	86927	31.85	nq	98
43) 2,4,5-Trichlorophenol	8.92	196	77986	28.59	nq	95
45) 1,1'-Biphenyl	9.05	154	339692	32.20	nq	98
46) 2-Chloronaphthalene	9.08	162	259137	30.58	nq	98
47) 2-Nitroaniline	9.17	65	104495	30.13	nq	99
48) Acenaphthylene	9.49	152	453644	29.93	nq	99
49) Dimethylphthalate	9.36	163	285020	28.90	nq	99
50) 2,6-Dinitrotoluene	9.42	165	64511	30.47	nq	# 80
51) Acenaphthene	9.66	154	264336	29.13	nq	99
52) 3-Nitroaniline	9.58	138	40554	15.31	nq	100
53) 2,4-Dinitrophenol	9.69	184	84584	73.04	nq	# 73
54) Dibenzofuran	9.83	168	385136	31.67	nq	98
55) 4-Nitrophenol	9.76	139	129731	69.71	nq	# 68
56) 2,4-Dinitrotoluene	9.82	165	85604	30.50	nq	# 75
57) Fluorene	10.16	166	270847	28.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	70296	33.29	nq	93
59) Diethylphthalate	10.06	149	309458	29.65	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	121075	30.59	nq	93
61) 4-Nitroaniline	10.20	138	80336	29.66	nq	90
62) Azobenzene	10.32	77	371765	30.91	nq	97
64) 4,6-Dinitro-2-methylphenol	10.22	198	46651	34.14	nq	93
65) n-Nitrosodiphenylamine	10.29	169	261370	32.00	nq	99
66) 4-Bromophenyl-phenylether	10.65	248	78484	34.91	nq	# 92
67) Hexachlorobenzene	10.71	284	79079	34.74	nq	97
68) Atrazine	10.82	200	80640	35.43	nq	93
69) Pentachlorophenol	10.90	266	90740	66.43	nq	98
70) Phenanthrene	11.12	178	444248	32.76	nq	99
71) Anthracene	11.17	178	411964	31.22	nq	99
72) Carbazole	11.33	167	448151	35.27	nq	99
73) Di-n-butylphthalate	11.67	149	492447	32.03	nq	99
74) Fluoranthene	12.30	202	475781	32.51	nq	99
76) Benzidine	12.43	184	153542	20.48	nq	99
77) Pyrene	12.52	202	455449	28.23	nq	99
79) Butylbenzylphthalate	13.16	149	234809	33.86	nq	# 76
80) Benzo(a)anthracene	13.71	228	425742	31.99	nq	99
81) 3,3'-Dichlorobenzidine	13.67	252	91263	21.17	nq	99
82) Chrysene	13.74	228	398783	33.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	307720	34.64	nq	# 97
84) Di-n-octyl phthalate	14.33	149	541665	40.12	nq	98
85) Indeno(1,2,3-cd)pyrene	16.27	276	347505	41.27	nq	# 95
87) Benzo(b)fluoranthene	14.72	252	758960	58.83	nq	99
88) Benzo(k)fluoranthene	14.72	252	758960	63.13	nq	# 97
89) Benzo(a)pyrene	15.00	252	352715	31.38	nq	# 95
90) Dibenzo(a,h)anthracene	16.28	278	287123	32.78	nq	# 95
91) Benzo(g,h,i)perylene	16.62	276	283328	31.88	nq	# 89

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 411

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

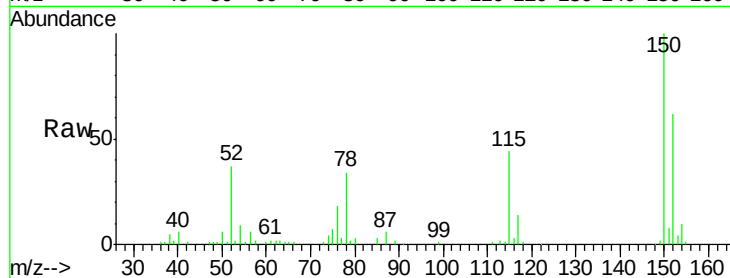
Tot Ion:152 Resp: 60009

Ion Ratio Lower Upper

152 100

150 160.9 123.8 185.6

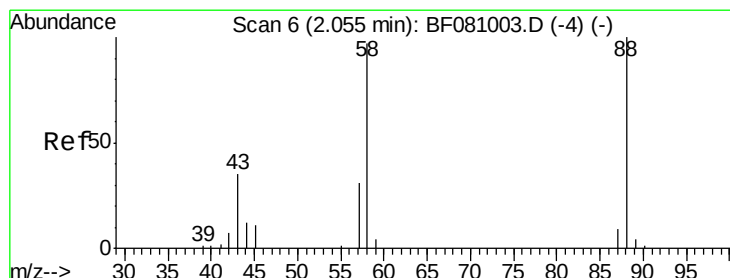
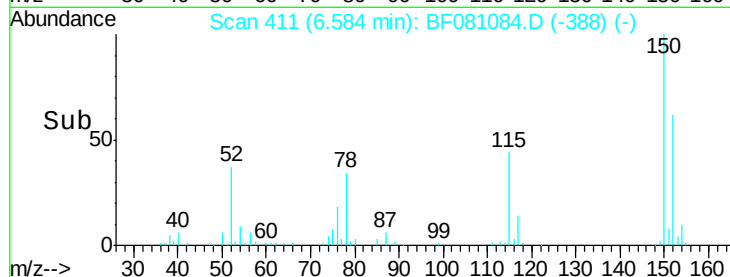
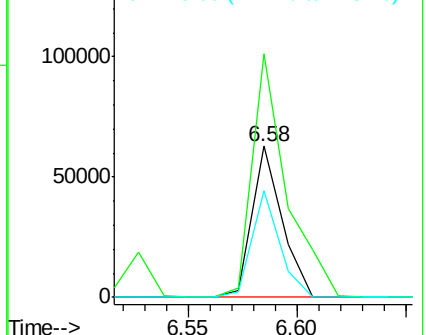
115 70.5 52.1 78.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.55 ng

RT: 2.09 min Scan# 18

Delta R.T. 0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

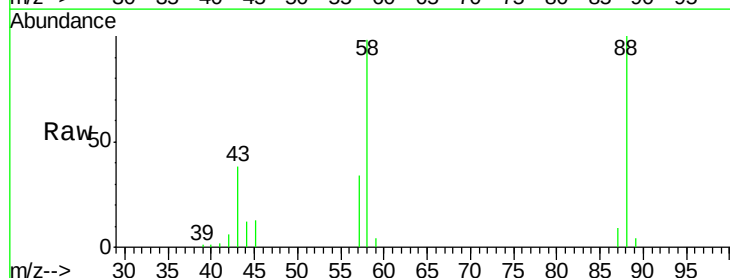
Tgt Ion: 88 Resp: 49916

Ion Ratio Lower Upper

88 100

58 101.1 83.7 125.5

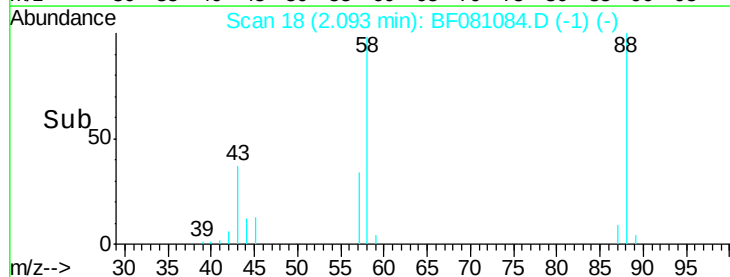
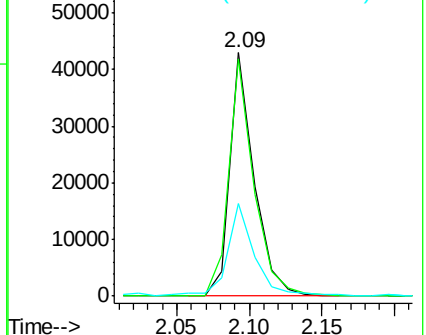
43 43.3 37.5 56.3

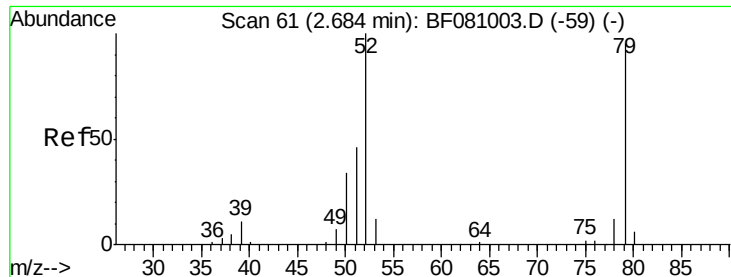


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 32.02 ng

RT: 2.71 min Scan# 72

Delta R.T. -0.01 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :
BNA_F
ClientSampleId :

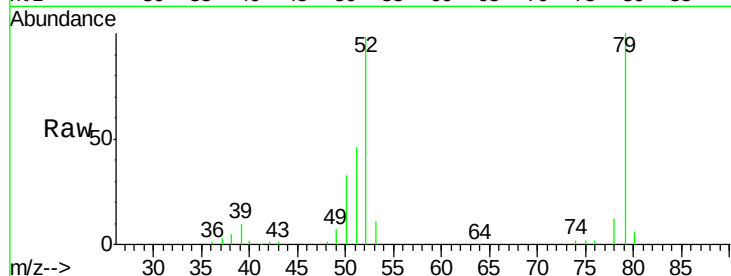
Tot Ion: 79 Resp: 169906

Ion Ratio Lower Upper

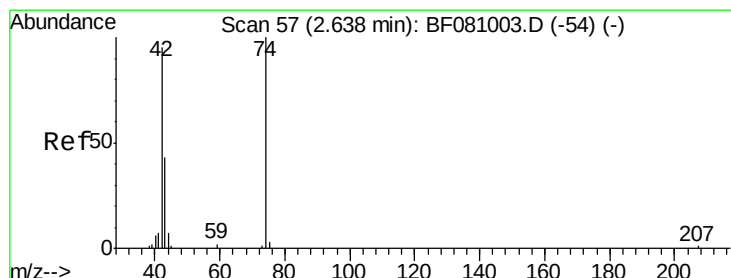
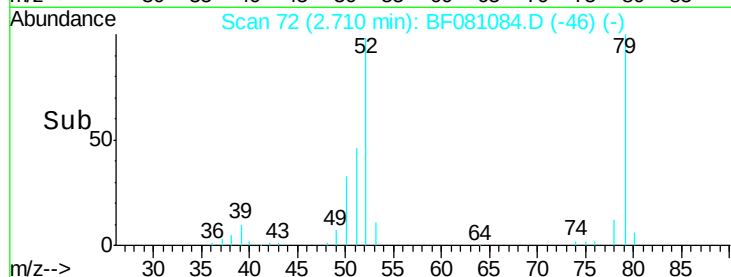
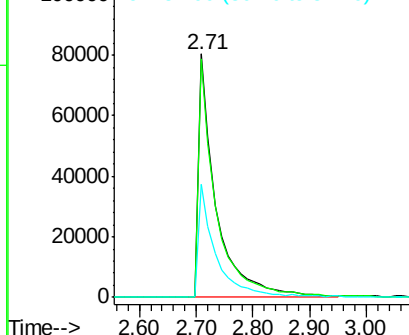
79 100

52 98.1 95.1 142.7

51 46.4 46.6 70.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 29.69 ng

RT: 2.66 min Scan# 68

Delta R.T. 0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

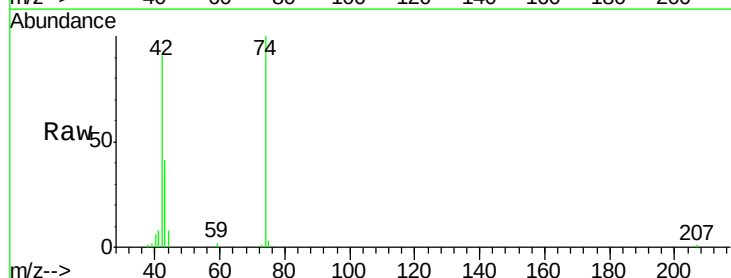
Tgt Ion: 42 Resp: 87708

Ion Ratio Lower Upper

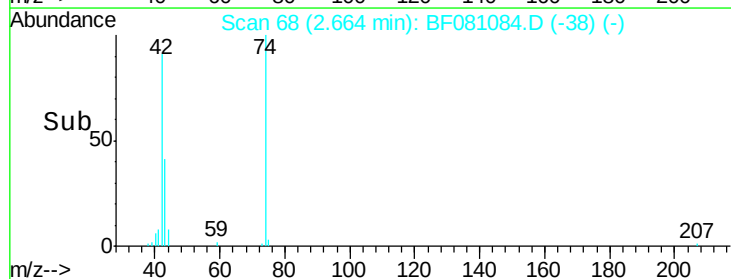
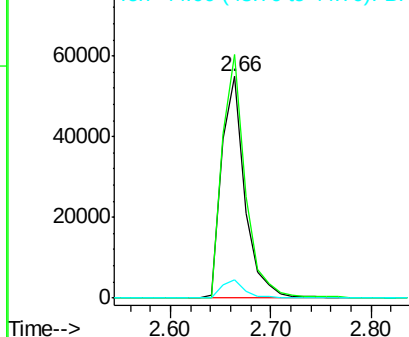
42 100

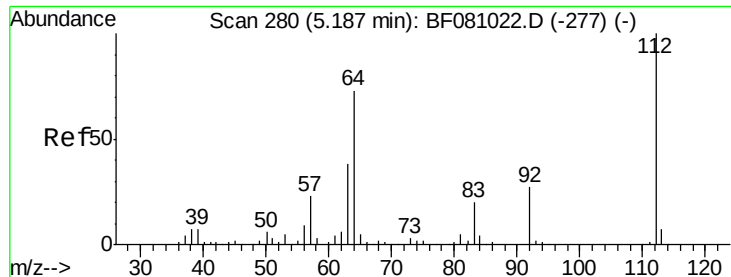
74 109.8 69.3 103.9#

44 8.4 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 94.92 ng

RT: 5.17 min Scan# 287

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

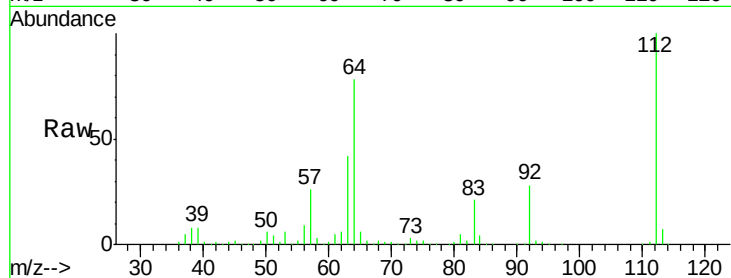
Tot Ion: 112 Resp: 378683

Ion Ratio Lower Upper

112 100

64 78.2 66.9 100.3

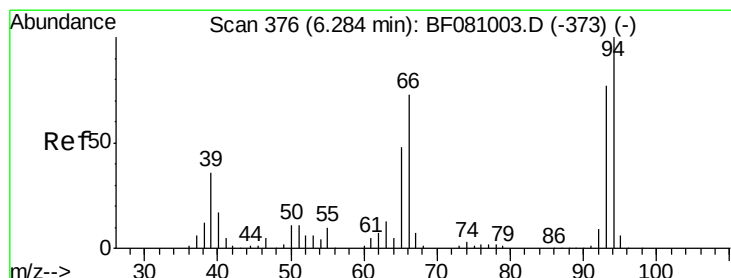
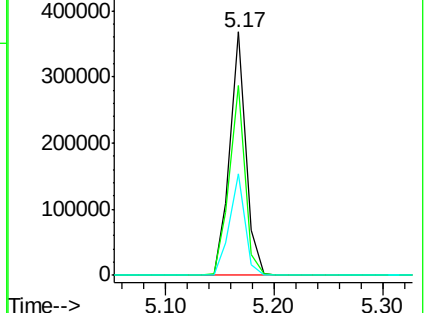
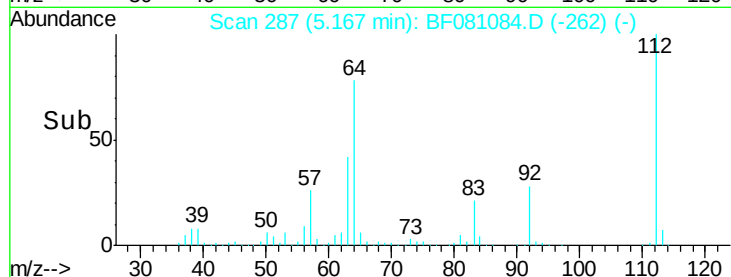
63 41.6 38.1 57.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 15.67 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

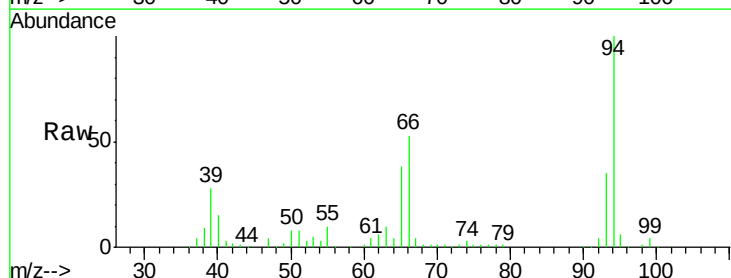
Tgt Ion: 93 Resp: 118611

Ion Ratio Lower Upper

93 100

66 150.8 35.6 53.4#

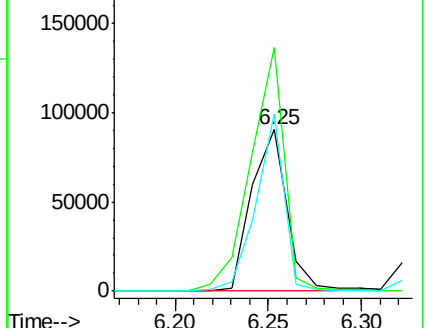
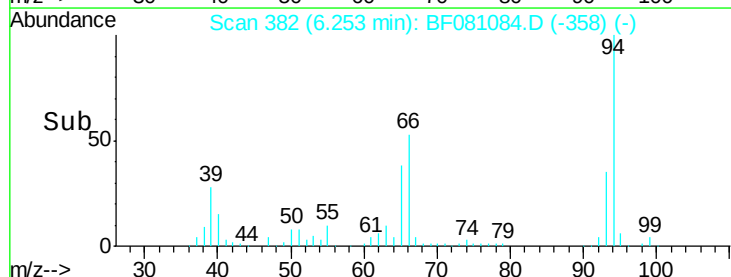
65 109.7 18.7 28.1#

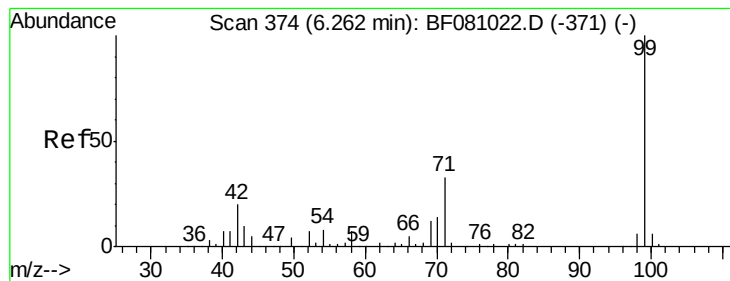


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 108.58 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

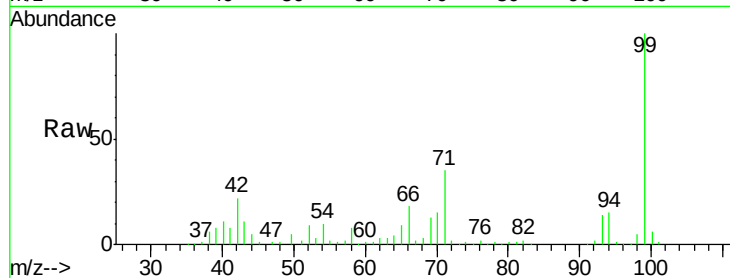
Tot Ion: 99 Resp: 565225

Ion Ratio Lower Upper

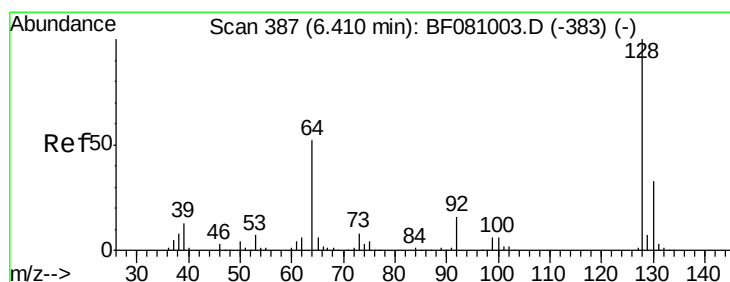
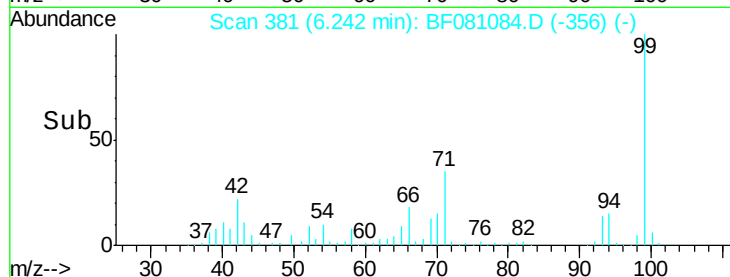
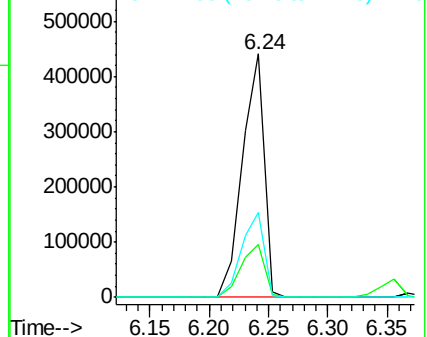
99 100

42 21.9 19.6 29.4

71 34.8 31.2 46.8



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.54 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

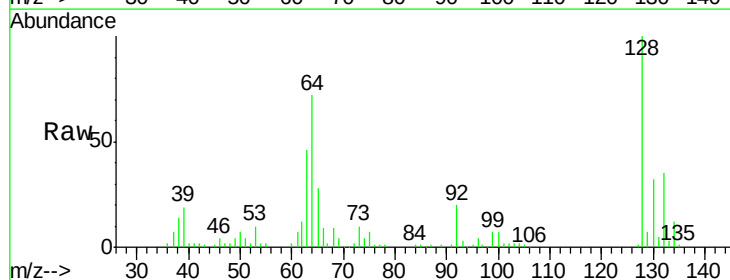
Tgt Ion: 128 Resp: 142112

Ion Ratio Lower Upper

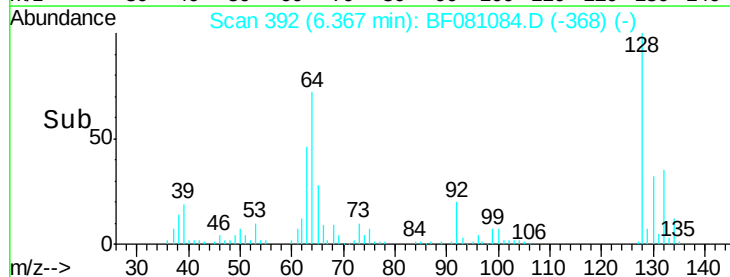
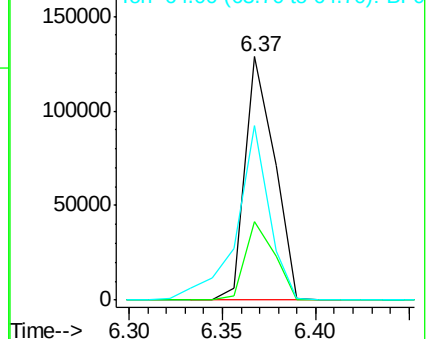
128 100

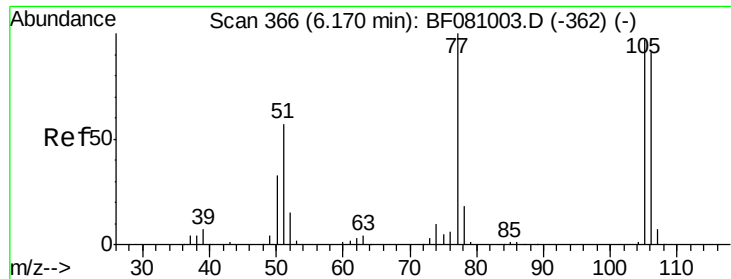
130 32.0 12.5 52.5

64 71.8 46.8 86.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.37 ng

RT: 6.13 min Scan# 371

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

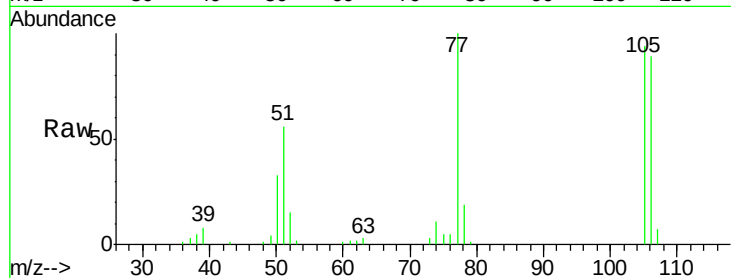
Tot Ion: 77 Resp: 54946

Ion Ratio Lower Upper

77 100

105 94.5 69.6 109.6

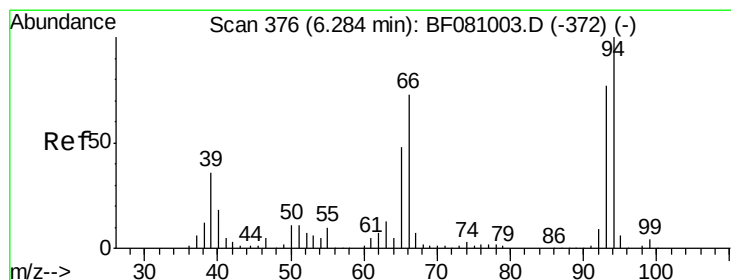
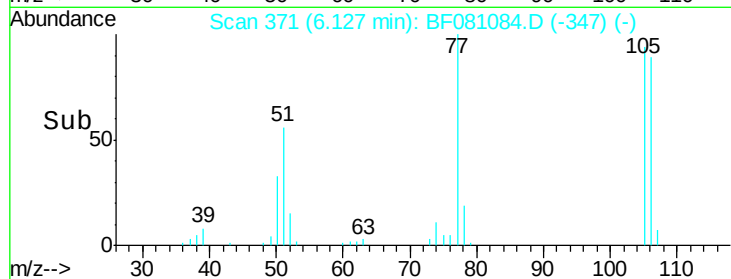
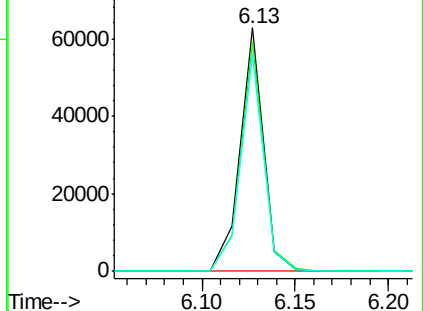
106 89.0 64.0 104.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 37.54 ng

RT: 6.25 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

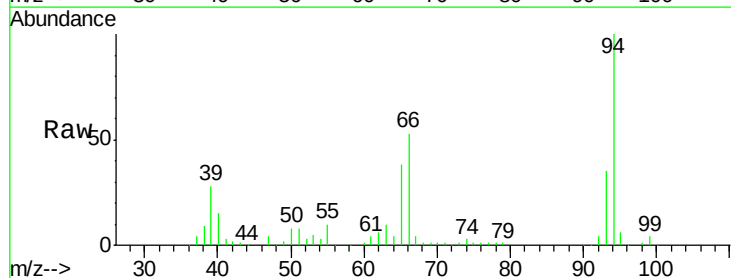
Tgt Ion: 94 Resp: 230804

Ion Ratio Lower Upper

94 100

65 38.3 28.4 68.4

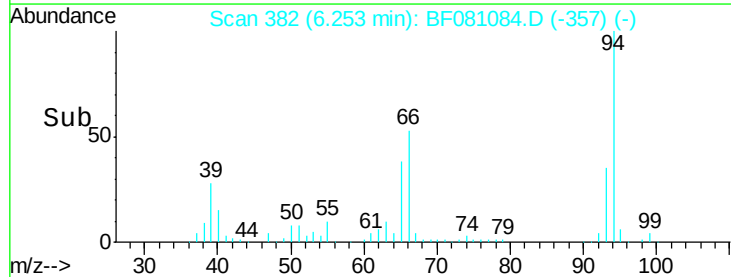
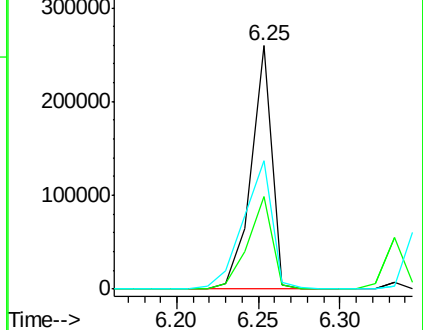
66 52.6 52.3 92.3

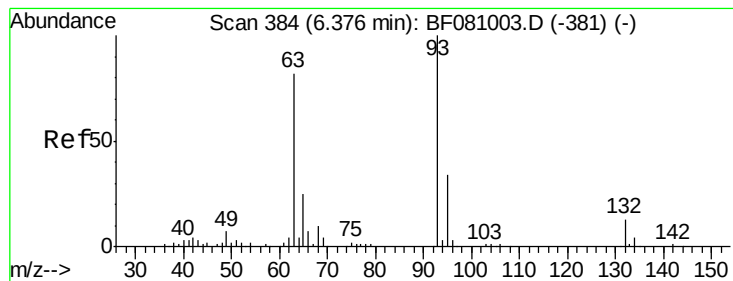


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

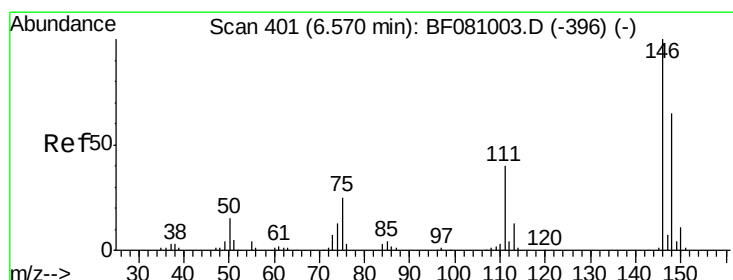
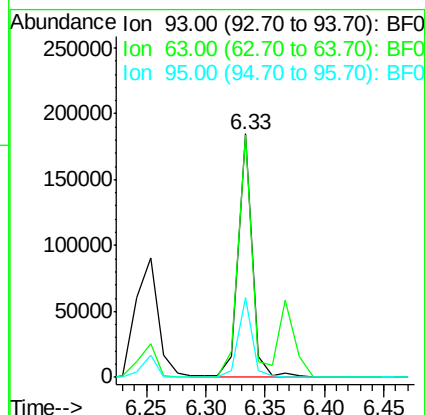
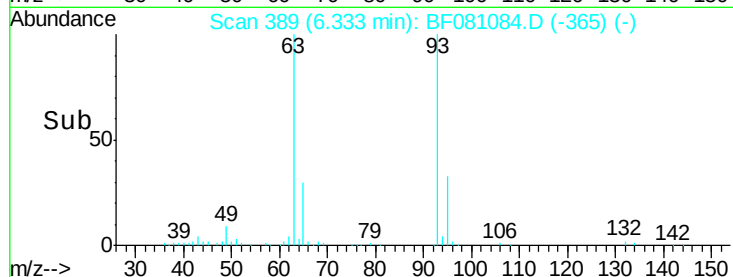
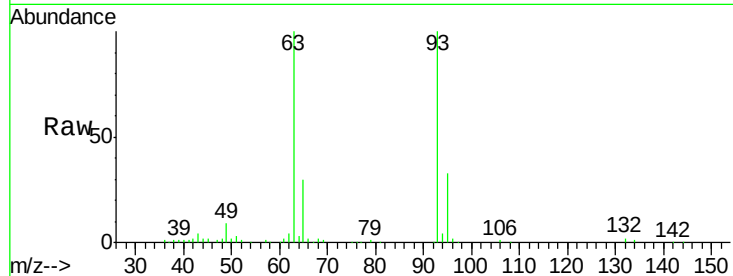




#11
 bis(2-Chloroethyl)ether
 Concen: 32.82 ng
 RT: 6.33 min Scan# 389
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

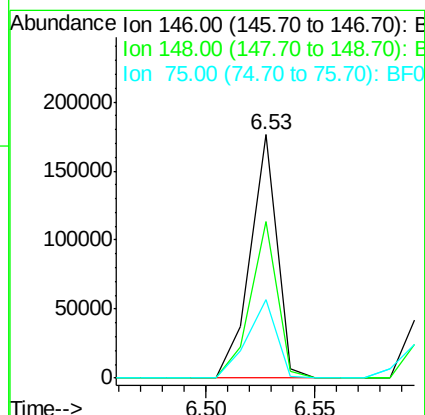
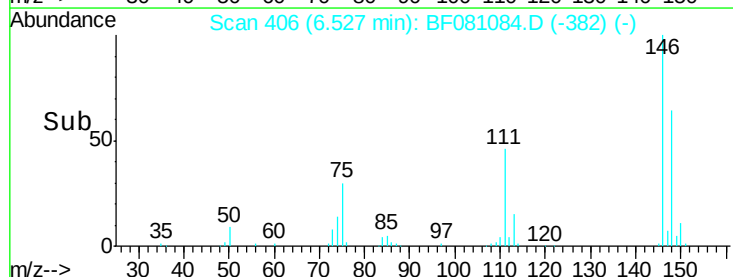
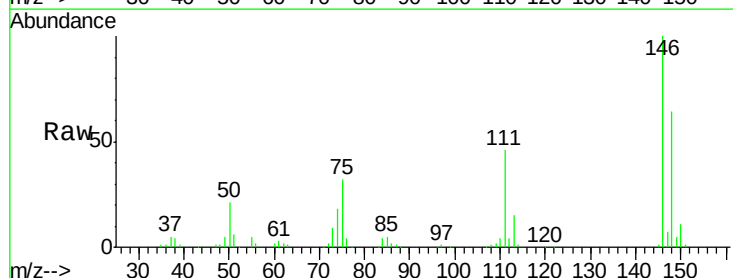
Instrument :
 BNA_F
 ClientSampled :

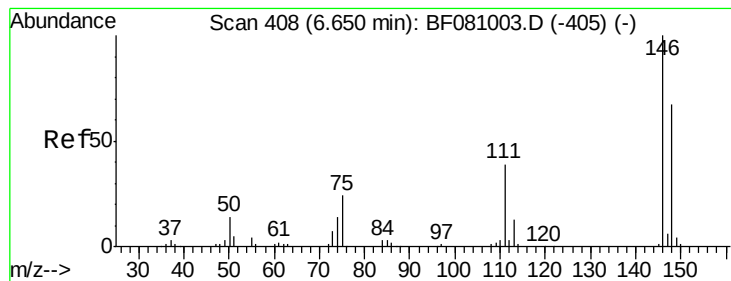
Tot Ion: 93 Resp: 154804
 Ion Ratio Lower Upper
 93 100
 63 99.5 69.6 109.6
 95 32.7 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 32.23 ng
 RT: 6.53 min Scan# 406
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion: 146 Resp: 151212
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.3 79.9
 75 32.2 25.0 37.6





#13

1,4-Dichlorobenzene

Concen: 33.06 ng

RT: 6.61 min Scan# 413

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

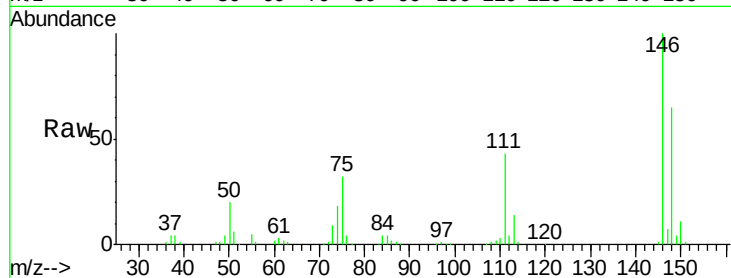
Tot Ion:146 Resp: 153625

Ion Ratio Lower Upper

146 100

148 65.0 52.3 78.5

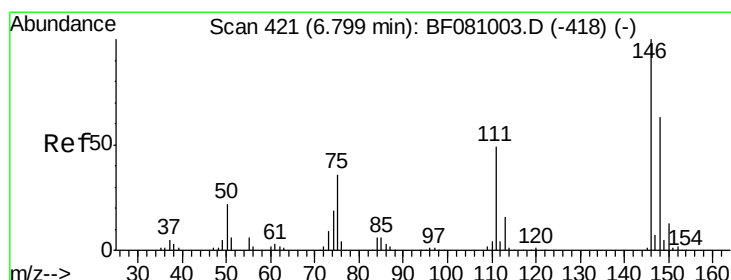
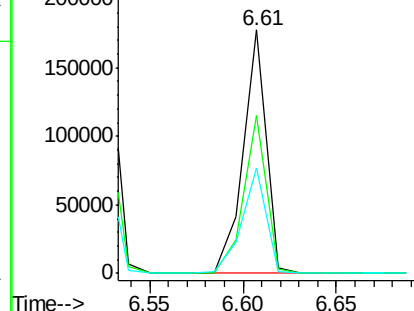
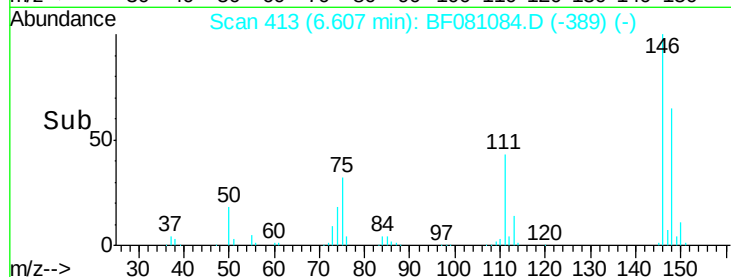
111 43.1 34.4 51.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.60 ng

RT: 6.76 min Scan# 426

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

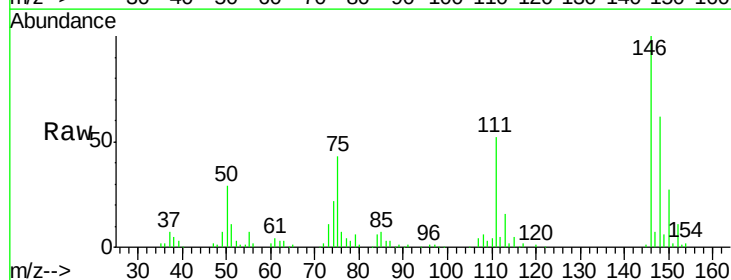
Tgt Ion:146 Resp: 133073

Ion Ratio Lower Upper

146 100

148 62.4 48.7 73.1

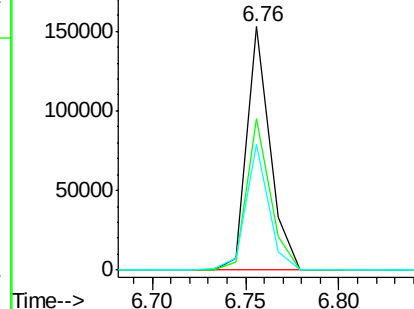
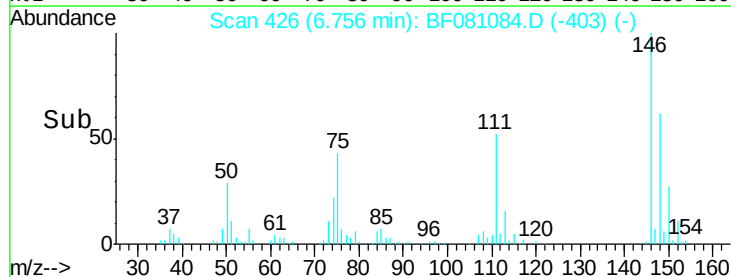
111 51.8 42.3 63.5

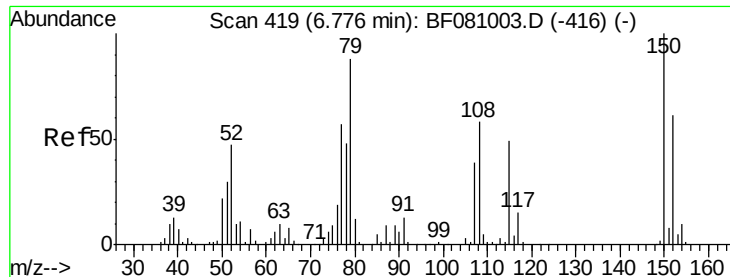


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.45 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

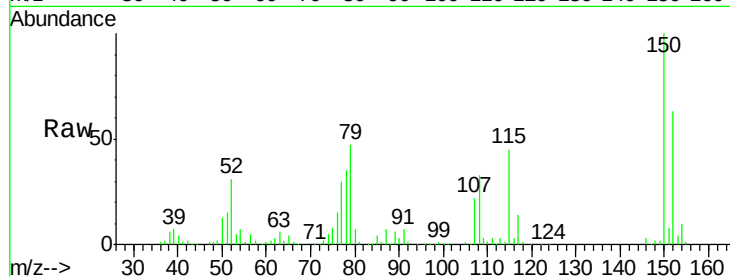
Tot Ion: 79 Resp: 149288

Ion Ratio Lower Upper

79 100

108 69.9 49.4 74.2

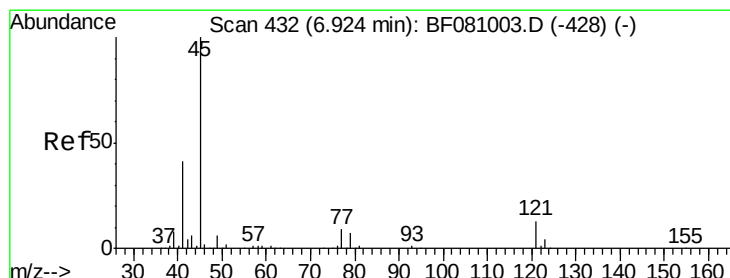
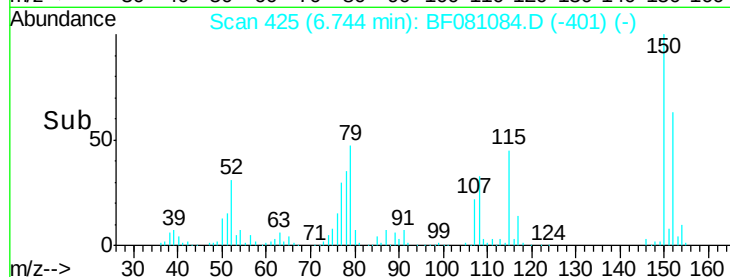
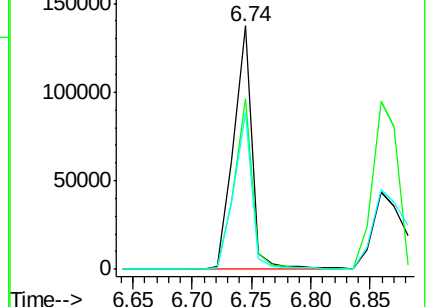
77 64.3 51.4 77.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.68 ng

RT: 6.88 min Scan# 437

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

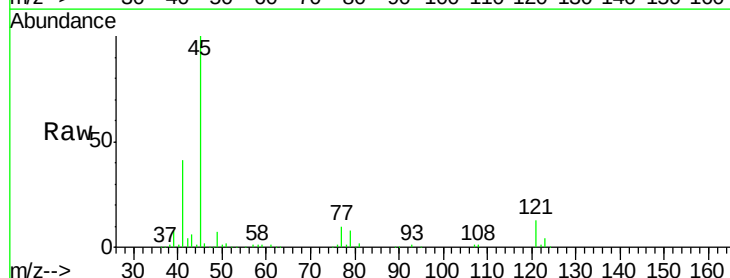
Tgt Ion: 45 Resp: 293705

Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.2

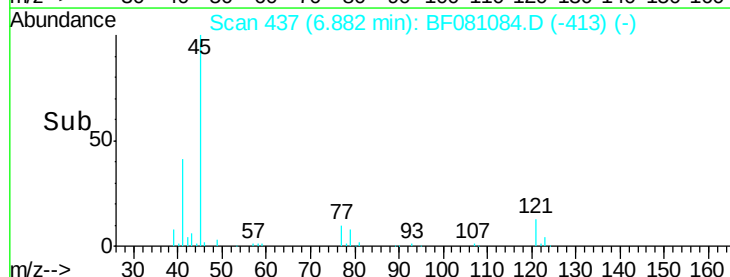
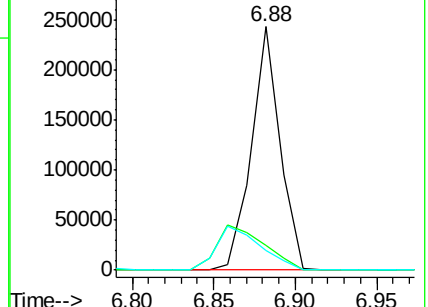
79 7.8 0.0 28.0

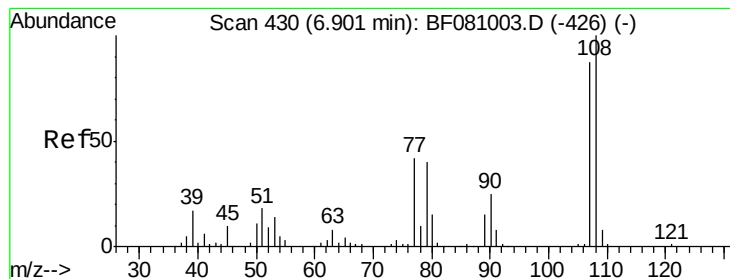


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 32.55 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 121968

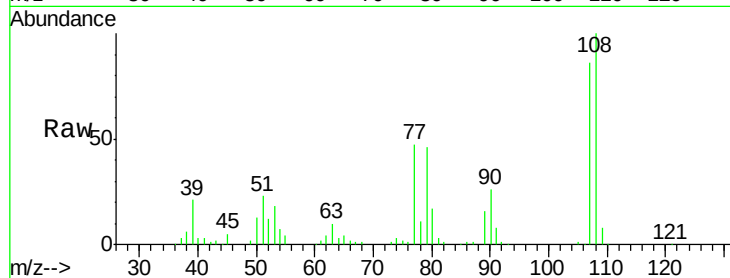
Ion Ratio Lower Upper

107 100

108 116.3 90.4 135.6

77 55.0 46.5 69.7

79 53.1 46.3 69.5

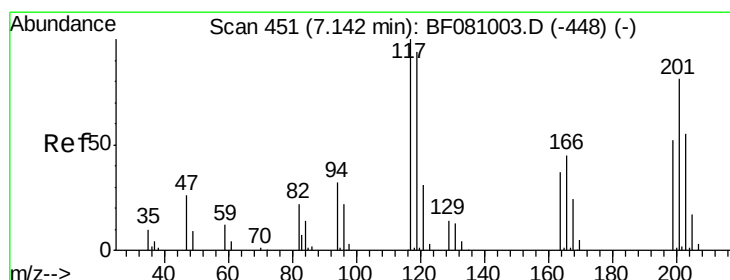
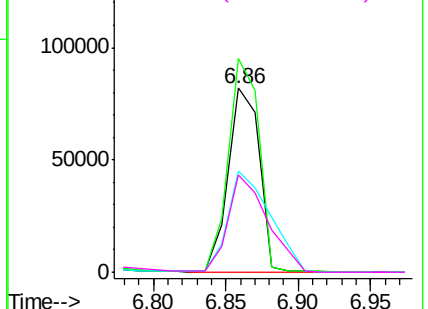
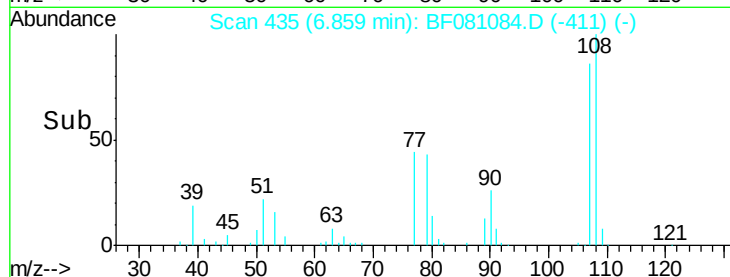


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 31.27 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

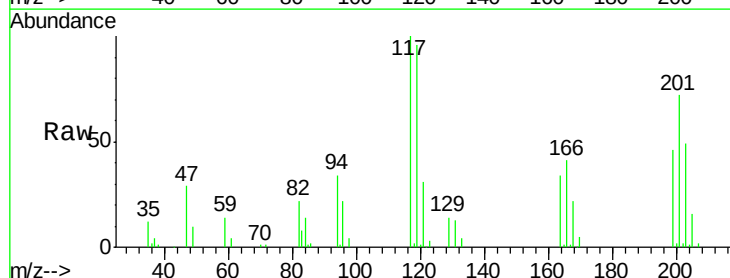
Tgt Ion:117 Resp: 58711

Ion Ratio Lower Upper

117 100

119 95.9 77.9 116.9

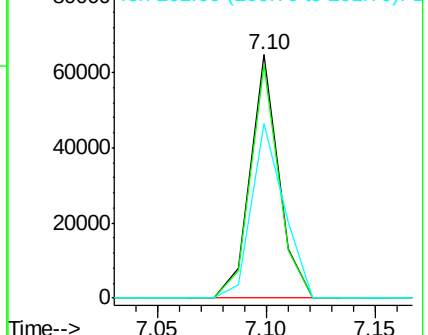
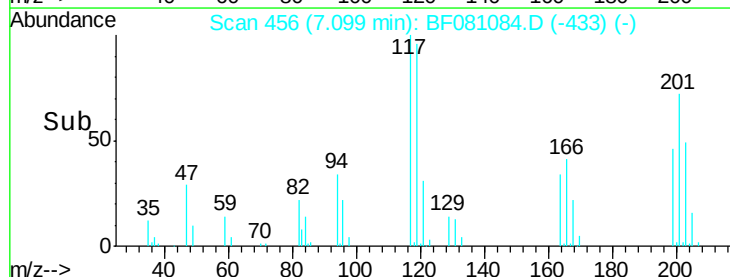
201 71.7 61.3 91.9

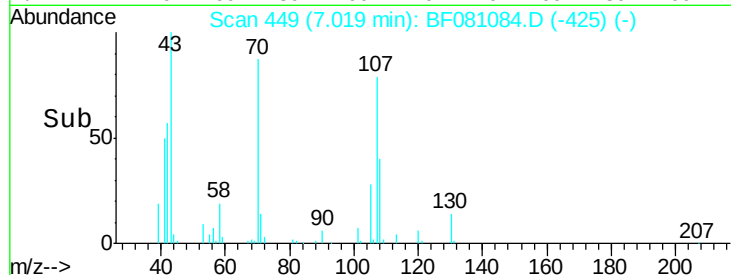
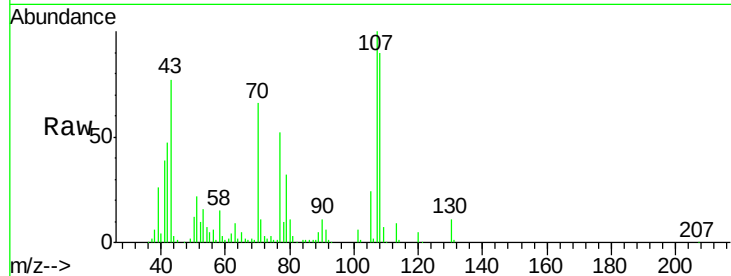
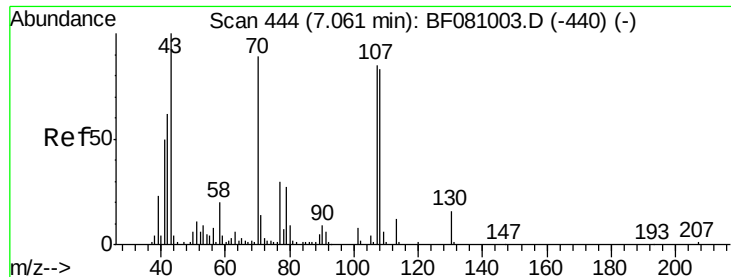


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

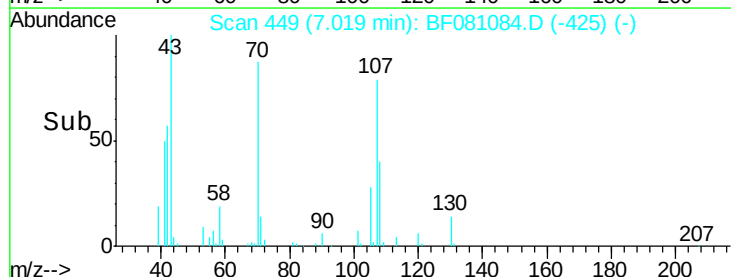
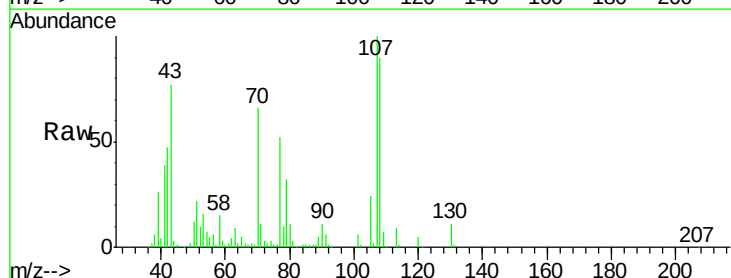
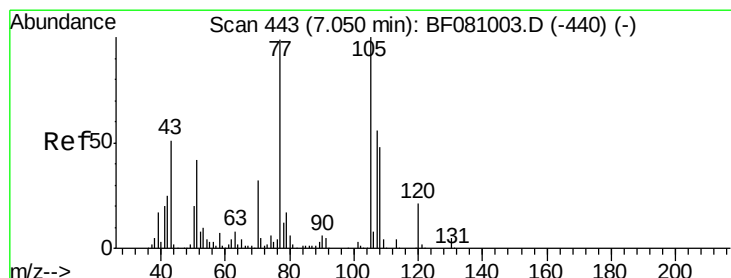
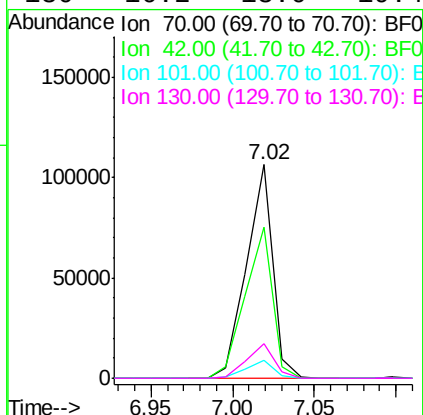




#19
n-Nitroso-di-n-propylamine
Concen: 32.95 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

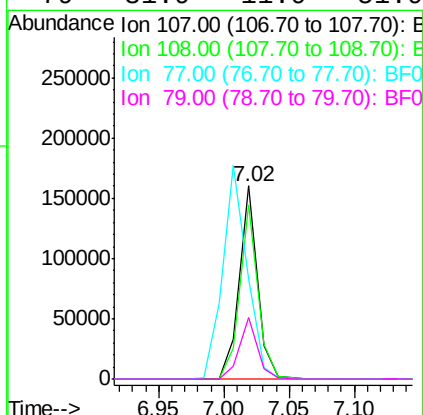
Instrument :
BNA_F
ClientSampleId :

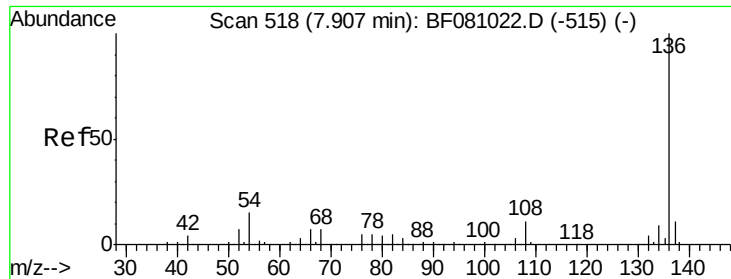
Tot Ion:	70	Resp:	118818
Ion	Ratio	Lower	Upper
70	100		
42	70.7	65.0	97.4
101	8.3	7.4	11.2
130	16.2	13.0	19.4



#20
3+4-Methylphenols
Concen: 32.43 ng
RT: 7.02 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion:	107	Resp:	154253
Ion	Ratio	Lower	Upper
107	100		
108	90.1	66.1	106.1
77	51.8	139.3	179.3#
79	31.9	11.9	51.9

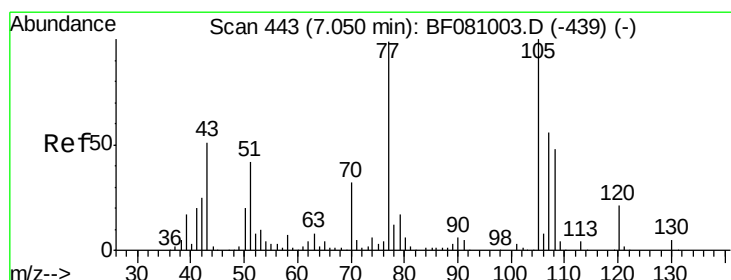
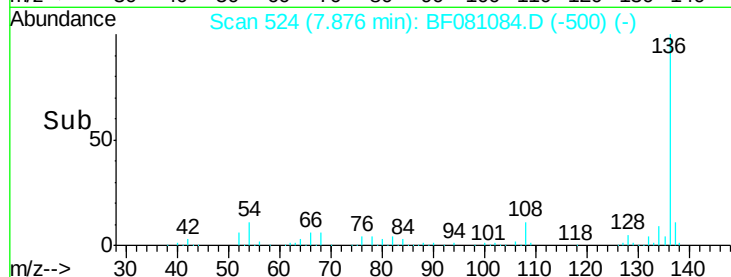
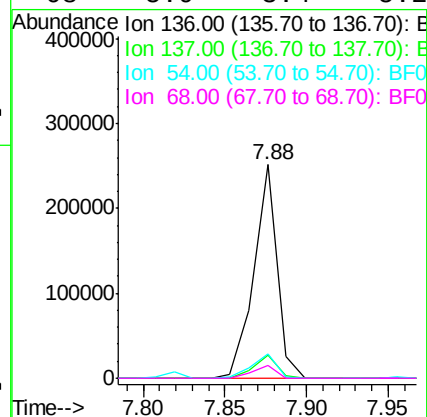
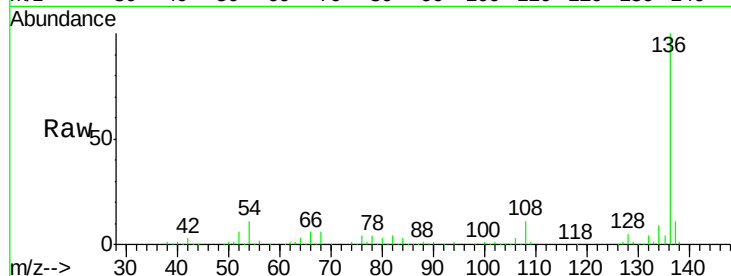




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

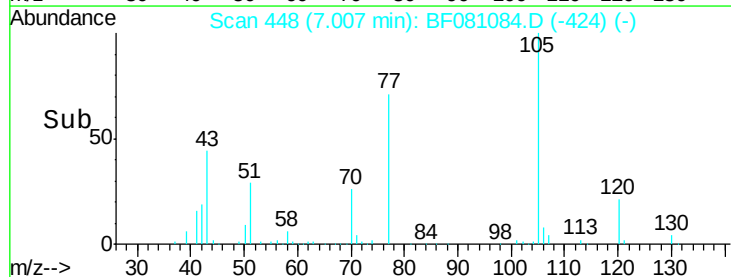
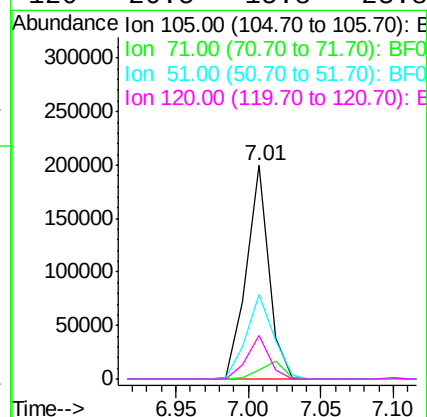
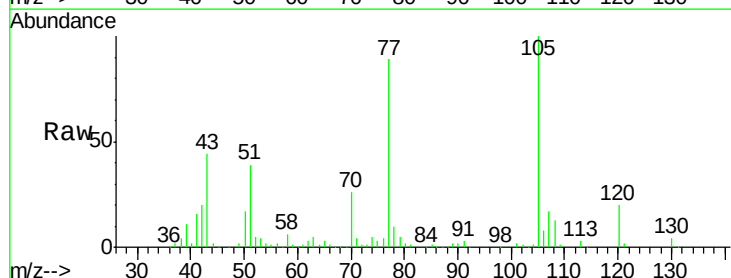
Instrument :
BNA_F
ClientSampleId :

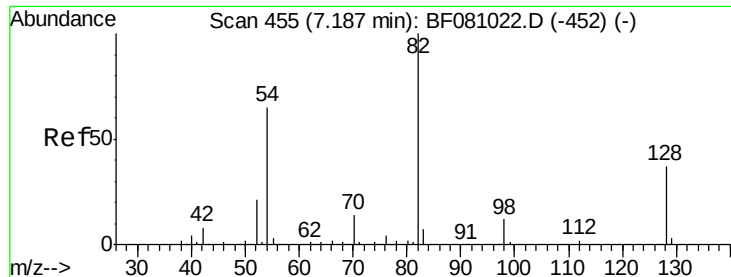
Tot Ion:136	Resp:	247382
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.2 12.2
54	11.2	7.7 11.5
68	5.9	3.4 5.2#



#22
Acetophenone
Concen: 33.05 ng
RT: 7.01 min Scan# 448
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion:105	Resp:	214644
Ion Ratio	Lower	Upper
105	100	
71	4.1	3.0 4.6
51	39.4	39.8 59.8#
120	20.5	15.8 23.8

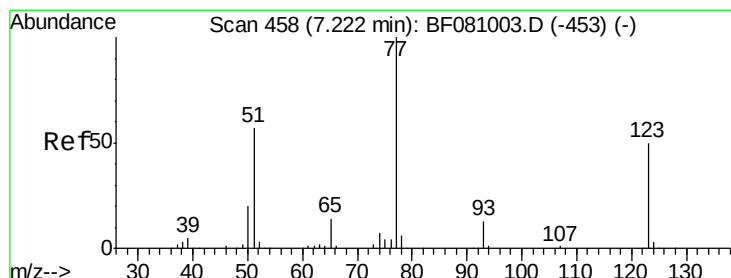
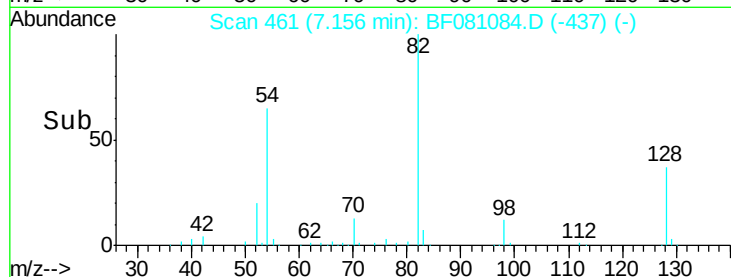
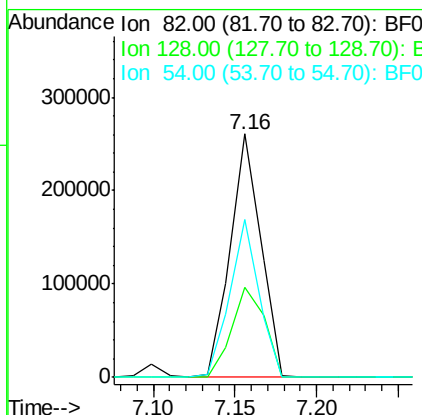
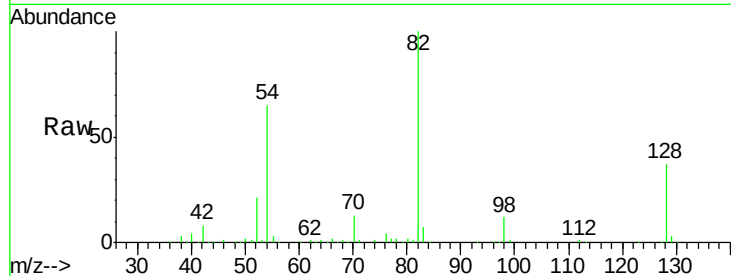




#23
Nitrobenzene-d5
Concen: 62.25 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

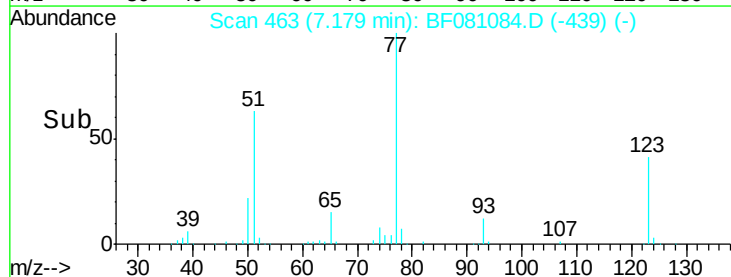
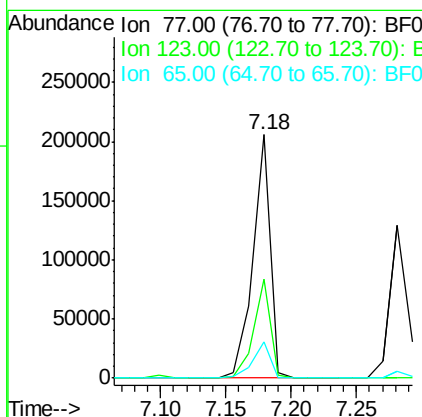
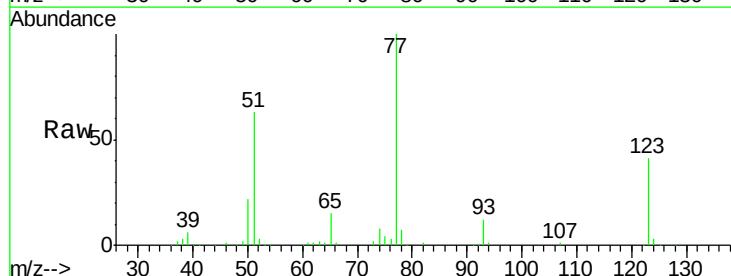
Instrument :
BNA_F
ClientSampleId :

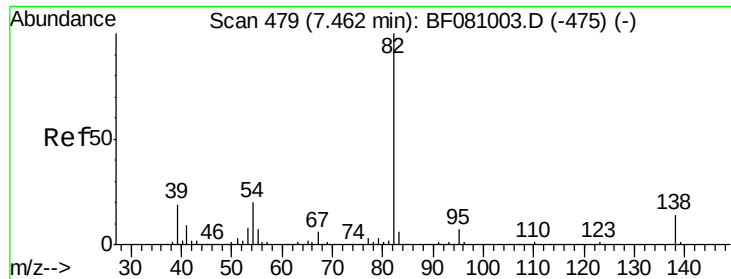
Tot Ion: 82 Resp: 337121
Ion Ratio Lower Upper
82 100
128 37.1 28.6 42.8
54 64.7 55.1 82.7



#24
Nitrobenzene
Concen: 33.55 ng
RT: 7.18 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion: 77 Resp: 189950
Ion Ratio Lower Upper
77 100
123 40.9 32.9 49.3
65 15.0 12.5 18.7

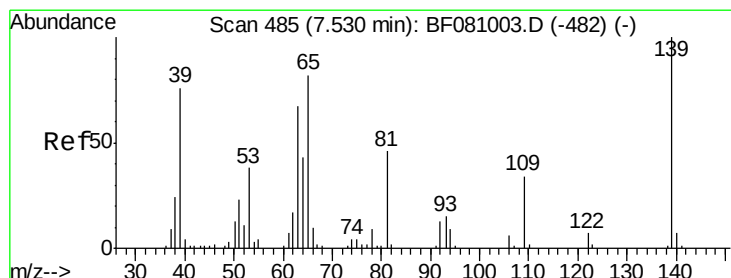
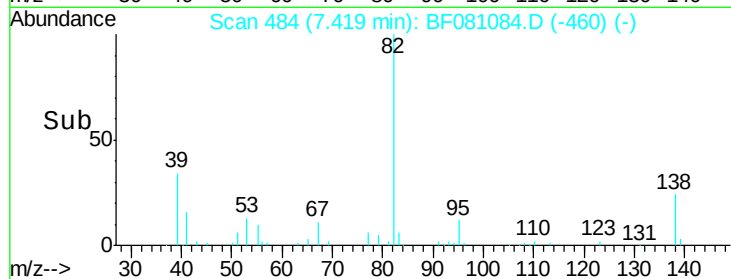
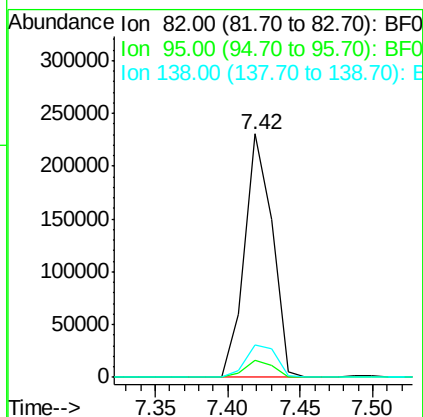
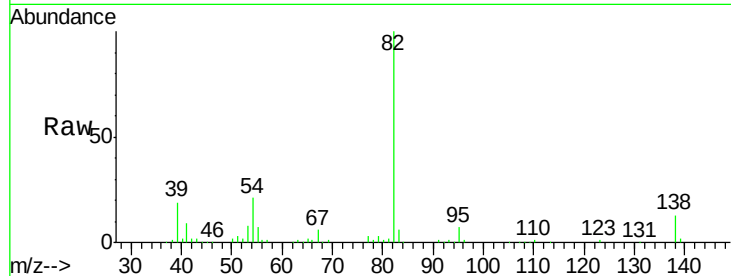




#25
Isophorone
Concen: 30.29 ng
RT: 7.42 min Scan# 484
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

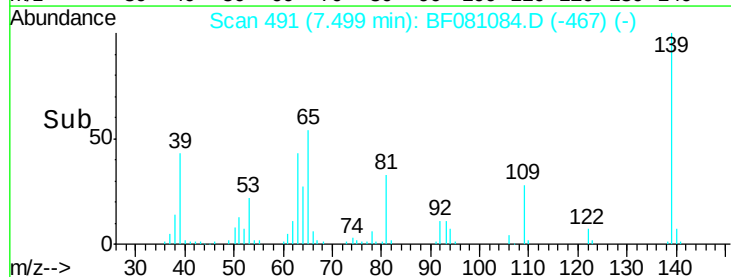
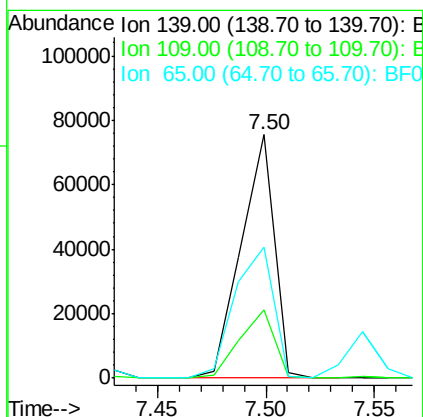
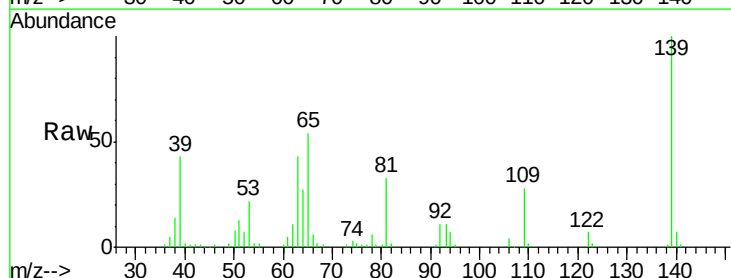
Instrument :
BNA_F
ClientSampleId :

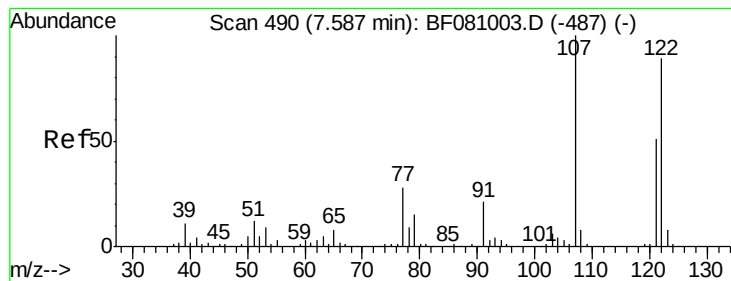
Tot Ion: 82 Resp: 305906
Ion Ratio Lower Upper
82 100
95 6.8 6.2 9.2
138 13.4 10.5 15.7



#26
2-Nitrophenol
Concen: 34.00 ng
RT: 7.50 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion: 139 Resp: 80070
Ion Ratio Lower Upper
139 100
109 28.1 32.1 48.1#
65 53.9 69.9 104.9#





#27

2,4-Dimethylphenol

Concen: 31.94 ng

RT: 7.54 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :
BNA_F
ClientSampled :

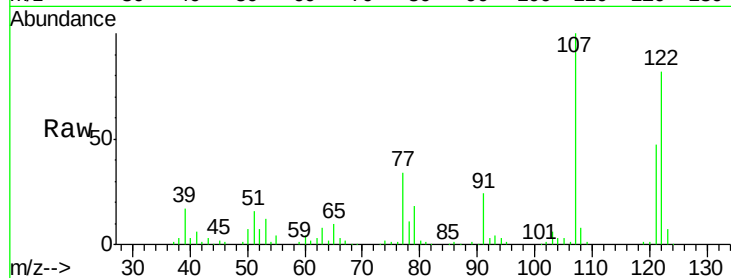
Tot Ion:122 Resp: 133046

Ion Ratio Lower Upper

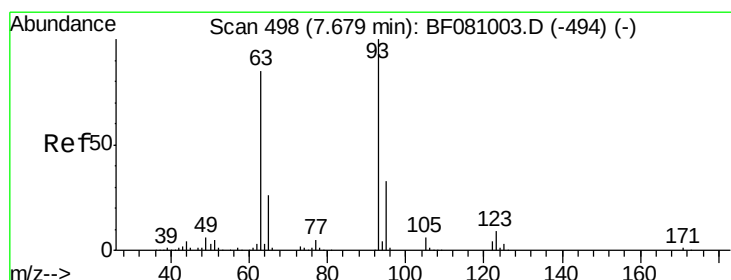
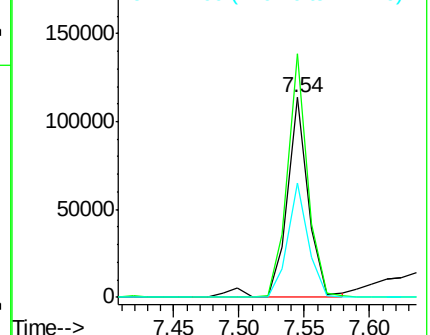
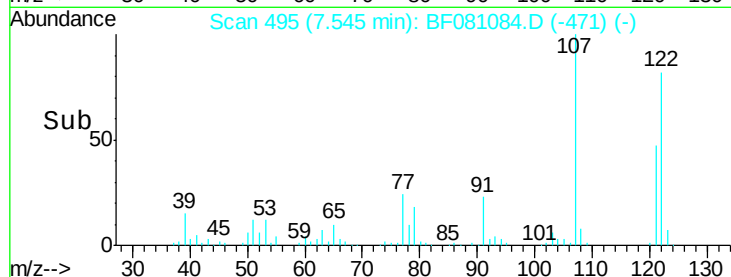
122 100

107 121.8 103.8 155.6

121 57.0 47.0 70.4



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.79 ng

RT: 7.65 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

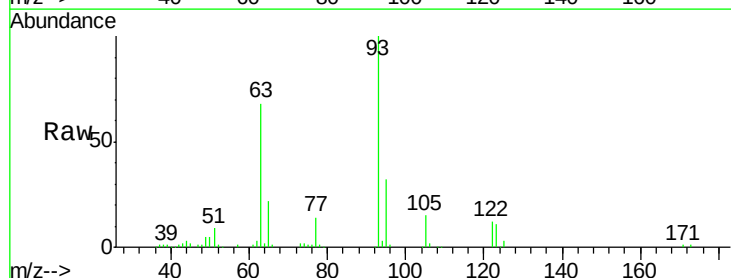
Tgt Ion: 93 Resp: 189672

Ion Ratio Lower Upper

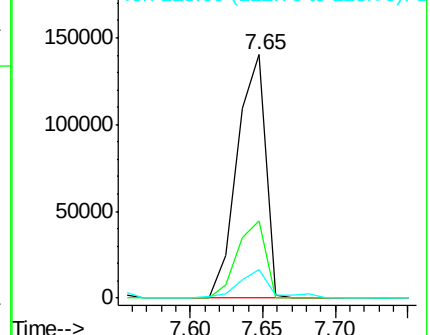
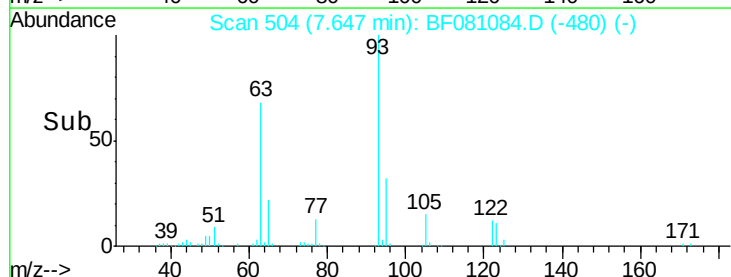
93 100

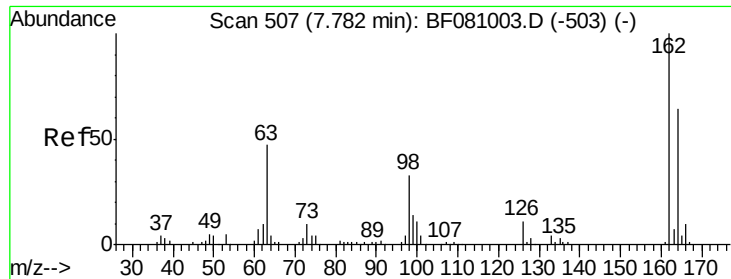
95 31.8 25.8 38.8

123 11.5 7.4 11.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E

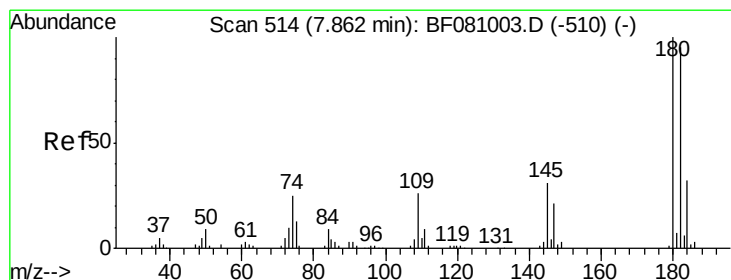
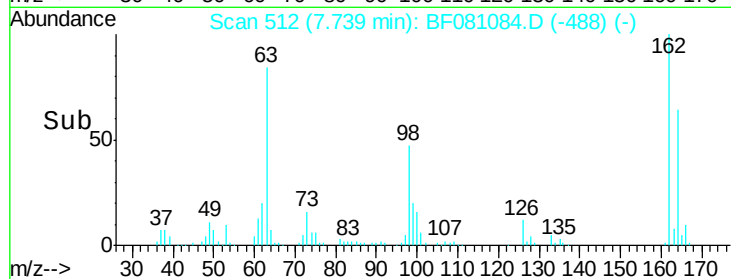
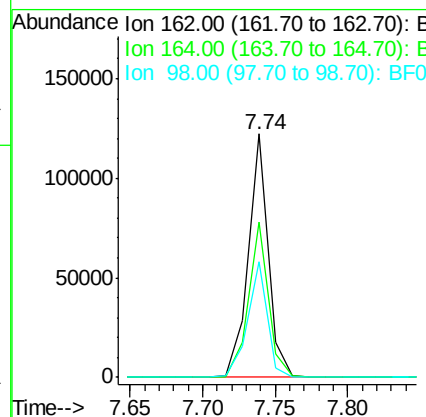
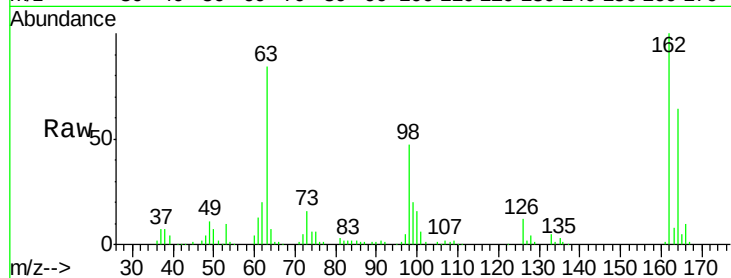




#29
 2,4-Dichlorophenol
 Concen: 33.33 ng
 RT: 7.74 min Scan# 512
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

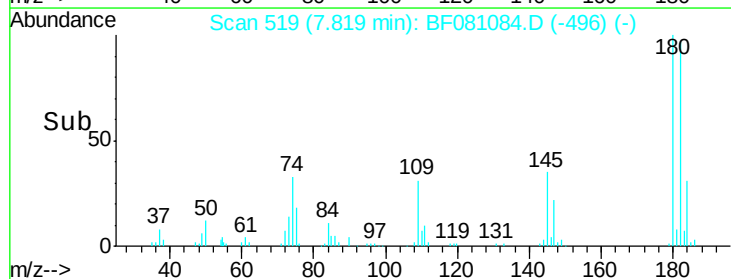
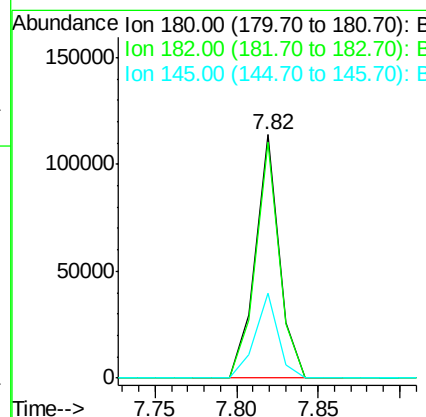
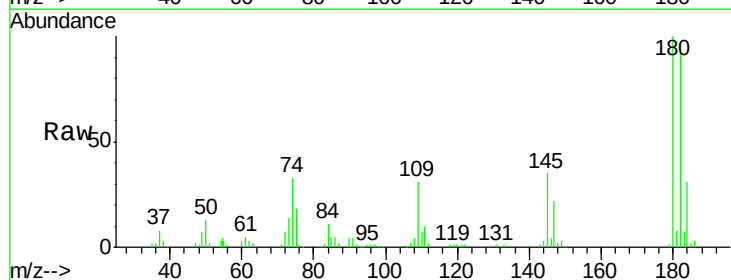
Instrument :
 BNA_F
 ClientSampleId :

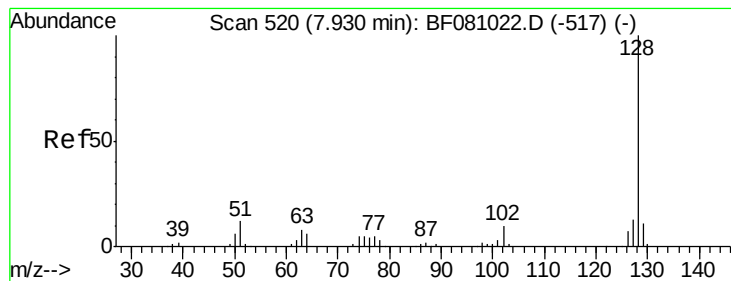
Tot Ion:162 Resp: 116894
 Ion Ratio Lower Upper
 162 100
 164 64.0 43.2 83.2
 98 47.3 12.3 52.3



#30
 1,2,4-Trichlorobenzene
 Concen: 29.94 ng
 RT: 7.82 min Scan# 519
 Delta R.T. -0.04 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:180 Resp: 116713
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.4 114.6
 145 34.7 25.4 38.2





#31

Naphthalene

Concen: 32.41 ng

RT: 7.90 min Scan# 526

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

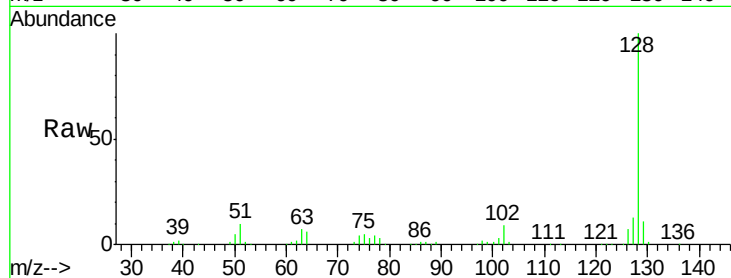
Tot Ion:128 Resp: 446905

Ion Ratio Lower Upper

128 100

129 11.2 8.4 12.6

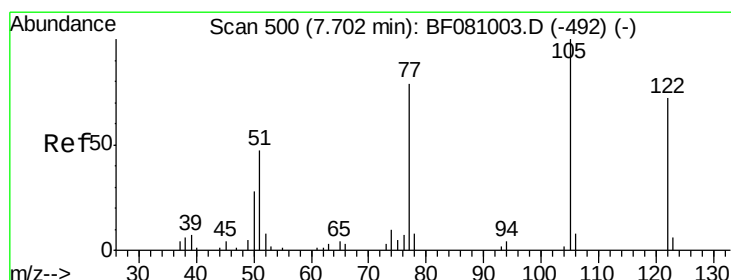
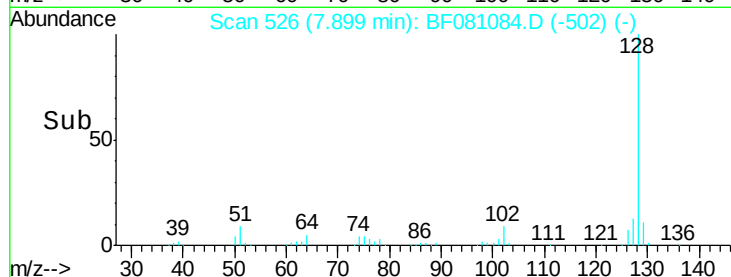
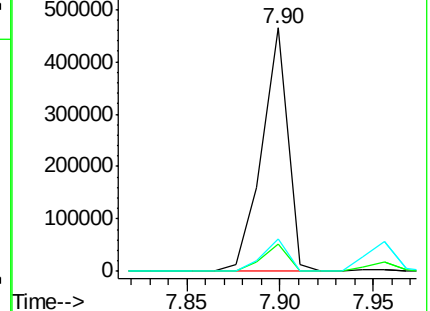
127 13.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 42.87 ng

RT: 7.68 min Scan# 507

Delta R.T. 0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

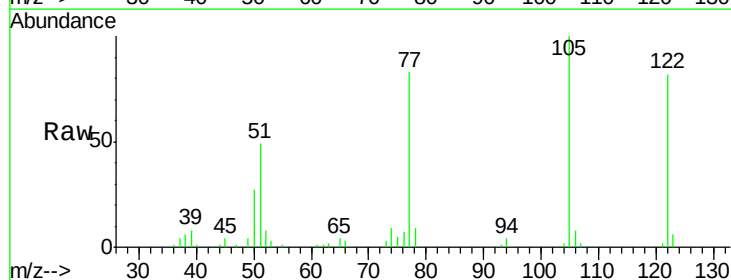
Tgt Ion:122 Resp: 100462

Ion Ratio Lower Upper

122 100

105 121.8 113.8 153.8

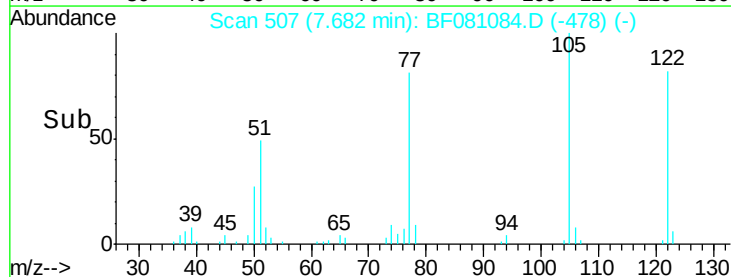
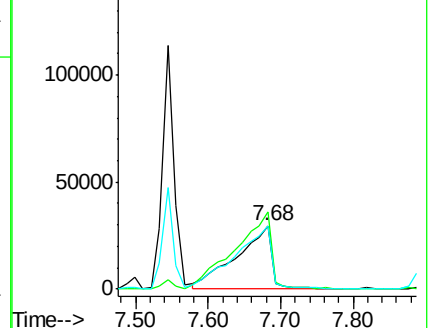
77 100.7 93.8 133.8

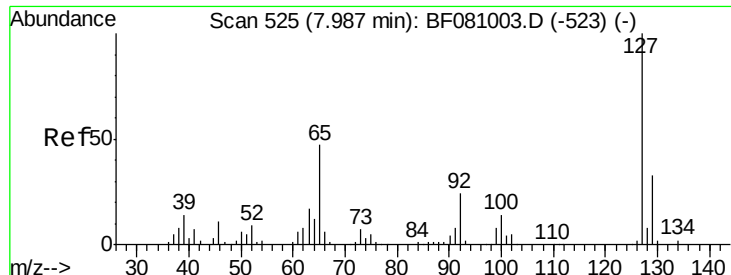


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

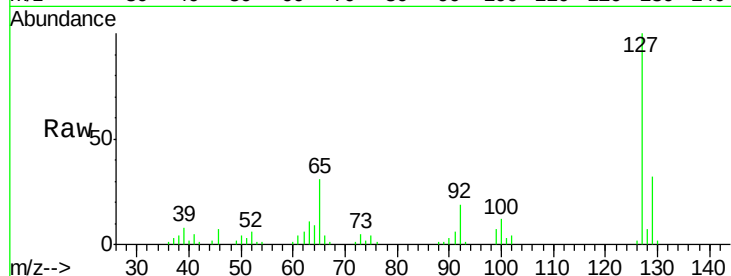




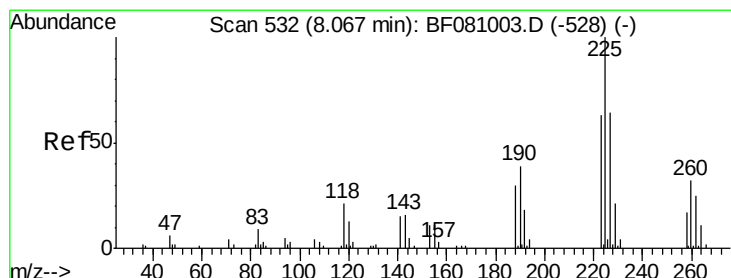
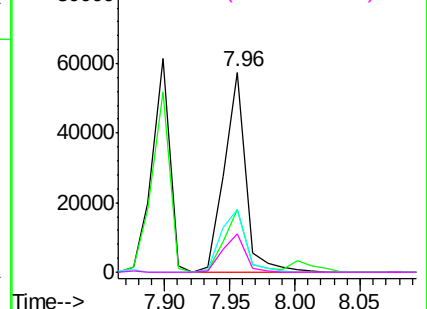
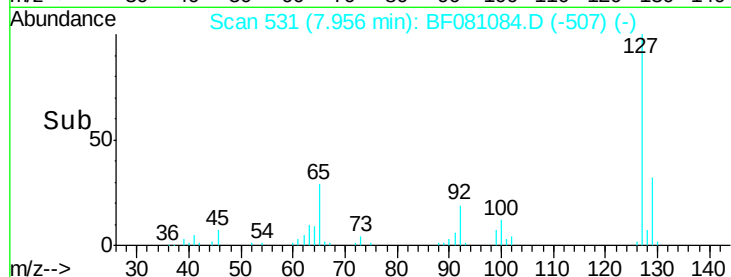
#33
4-Chloroaniline
Concen: 11.49 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.2	37.8
65	31.3	37.8	56.6#
92	19.3	19.5	29.3#

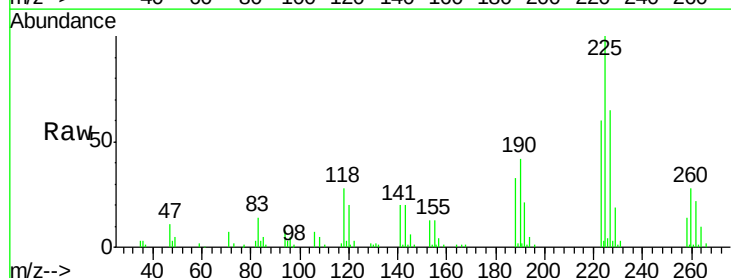


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

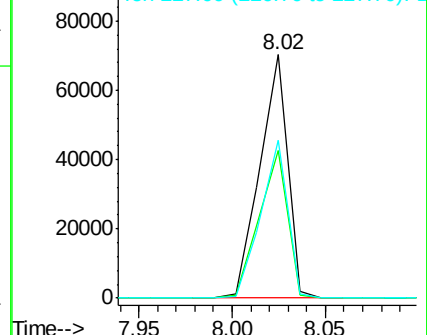
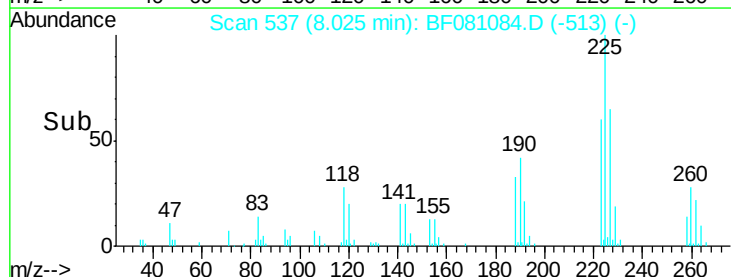


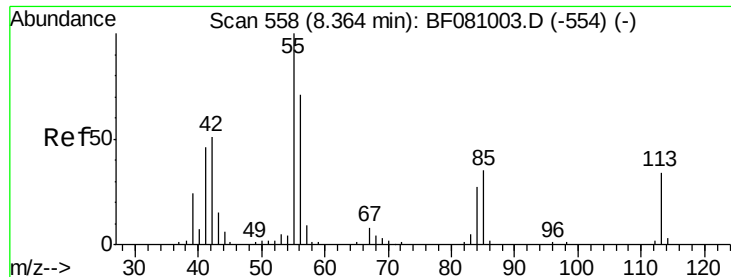
#34
Hexachlorobutadiene
Concen: 32.81 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	52.6	79.0
227	64.6	51.1	76.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 25.11 ng

RT: 8.33 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

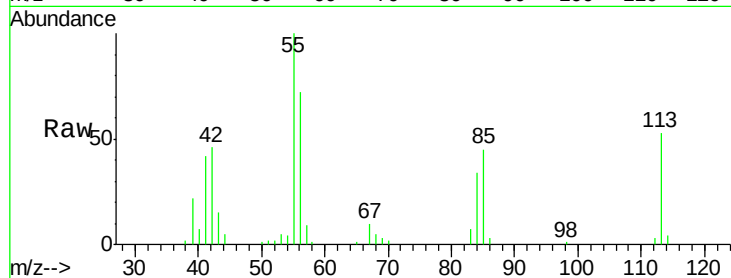
Tot Ion:113 Resp: 30780

Ion Ratio Lower Upper

113 100

55 189.0 280.4 320.4#

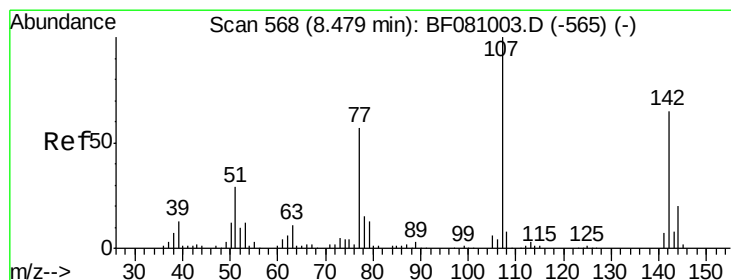
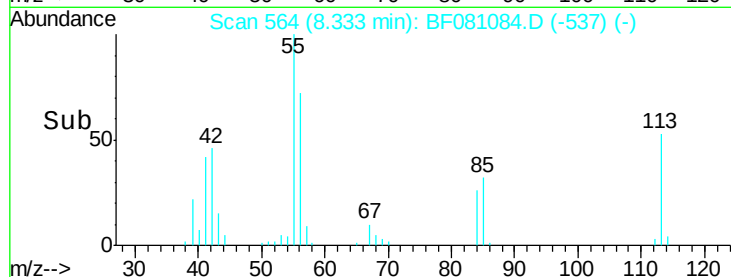
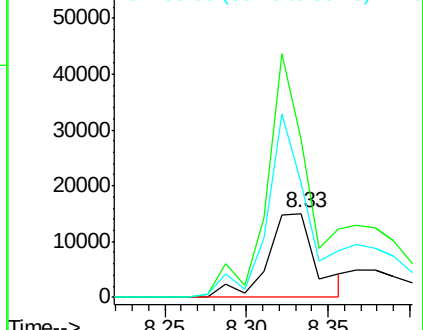
56 137.0 205.9 245.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 34.60 ng

RT: 8.45 min Scan# 574

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

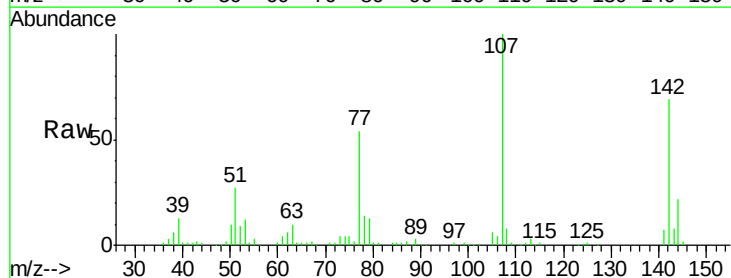
Tgt Ion:107 Resp: 144619

Ion Ratio Lower Upper

107 100

144 21.9 17.2 25.8

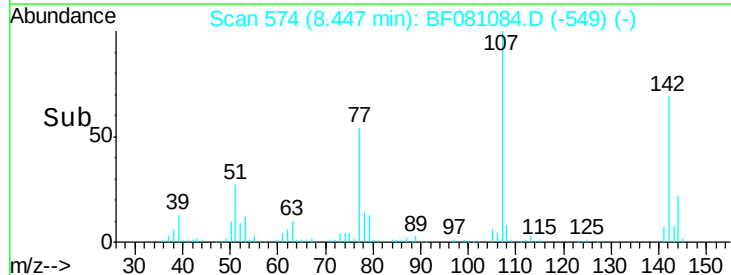
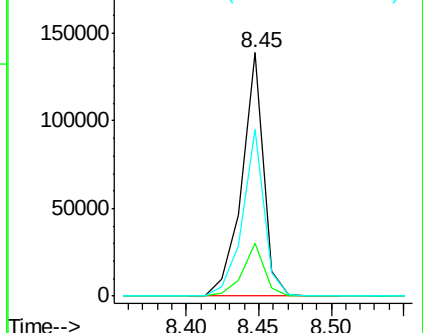
142 68.5 54.9 82.3

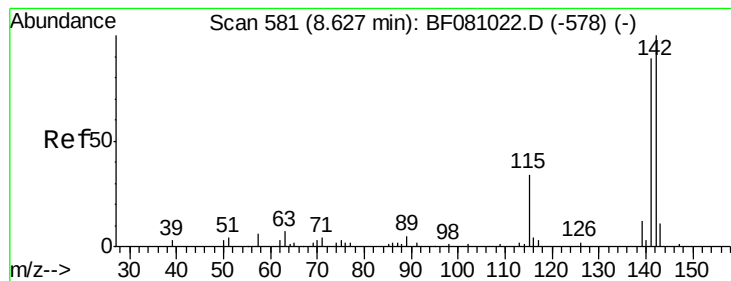


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 30.15 ng

RT: 8.58 min Scan# 586

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

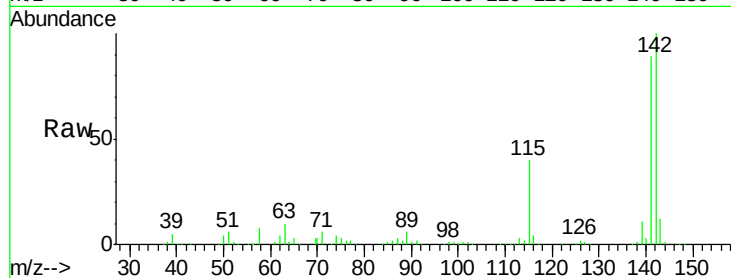
Tot Ion:142 Resp: 262616

Ion Ratio Lower Upper

142 100

141 88.9 71.4 107.2

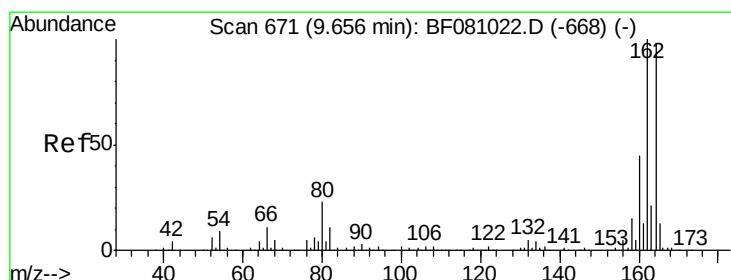
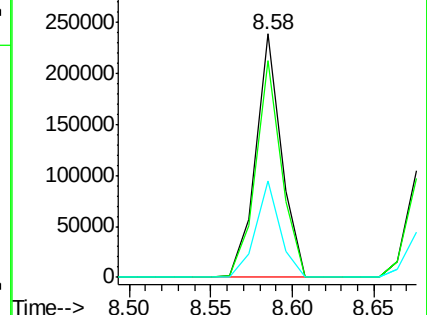
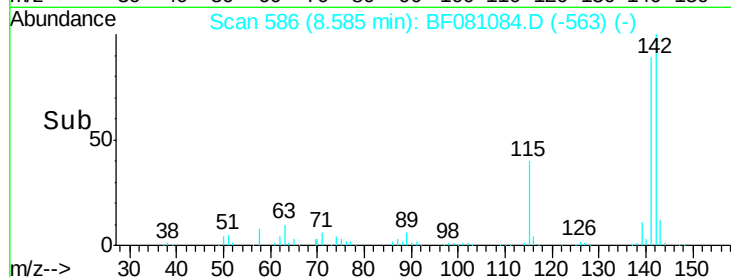
115 39.8 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

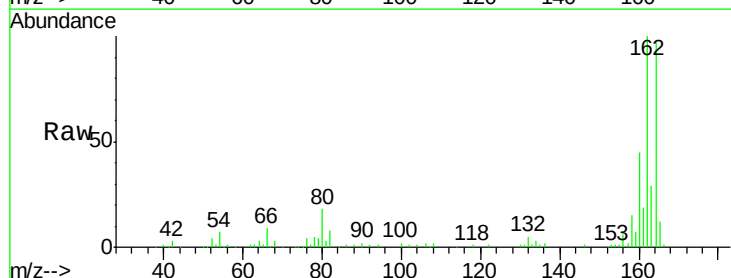
Tgt Ion:164 Resp: 119748

Ion Ratio Lower Upper

164 100

162 103.2 83.8 125.8

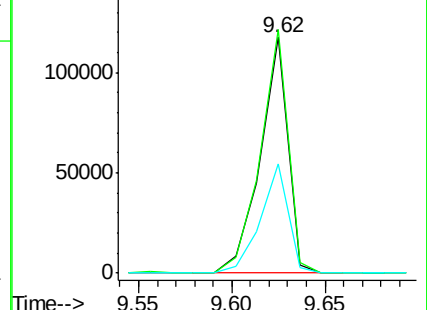
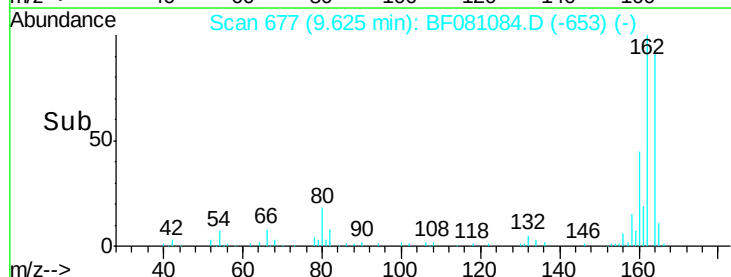
160 46.6 39.8 59.8

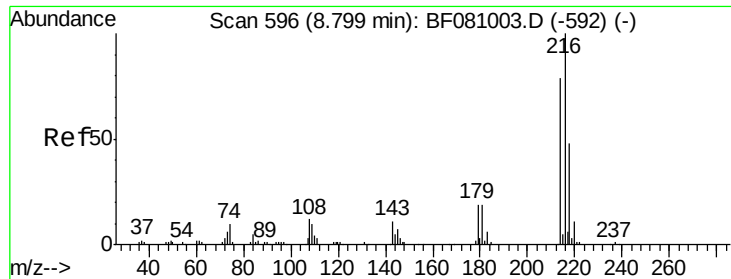


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.16 ng

RT: 8.76 min Scan# 601

Delta R.T. -0.03 min

Lab File: BF081084.D

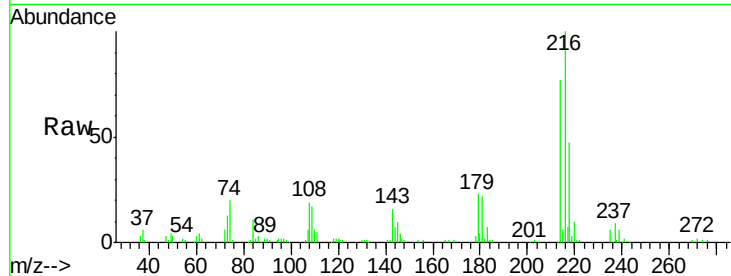
Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	116534
Ion Ratio	Lower	Upper
216	100	
214	78.2	63.8 95.8
179	23.0	17.8 26.8
108	25.4	16.2 24.2#

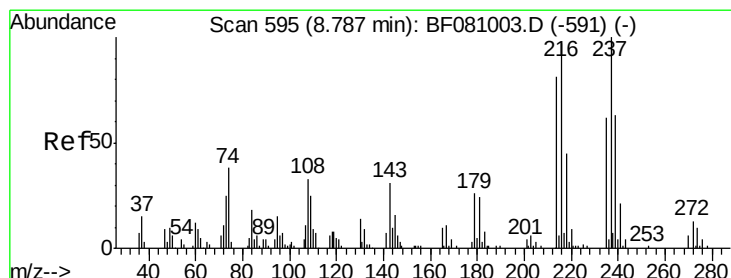
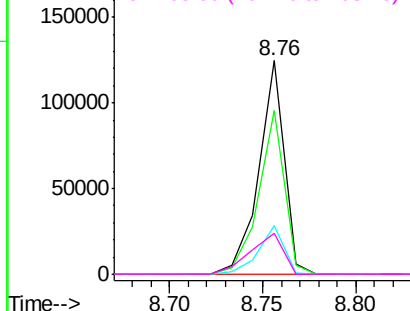
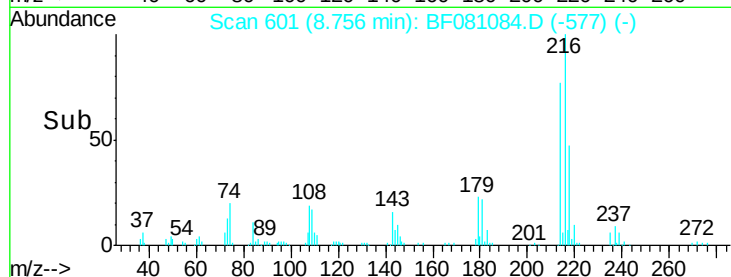


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 68.61 ng

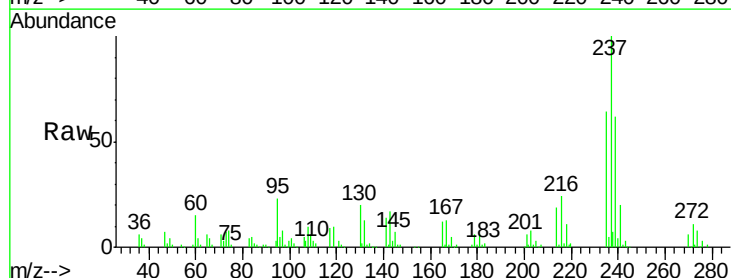
RT: 8.74 min Scan# 600

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

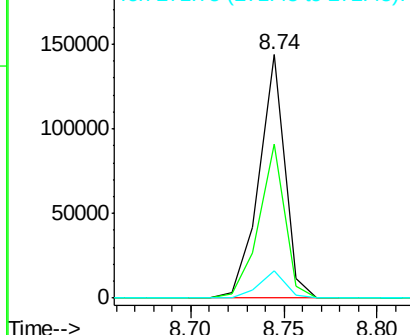
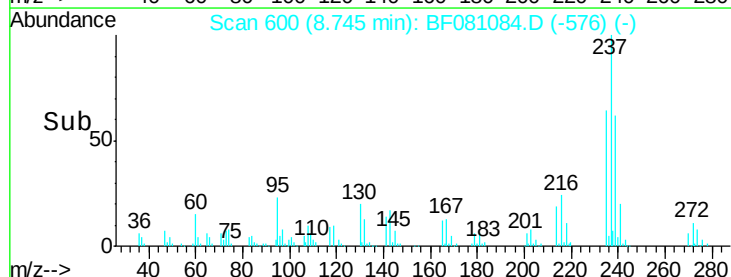
Tgt Ion:237	Resp:	137206
Ion Ratio	Lower	Upper
237	100	
235	63.5	43.6 83.6
272	11.0	0.0 32.2

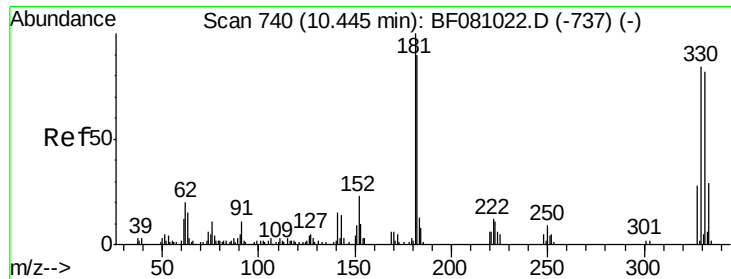


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 101.51 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

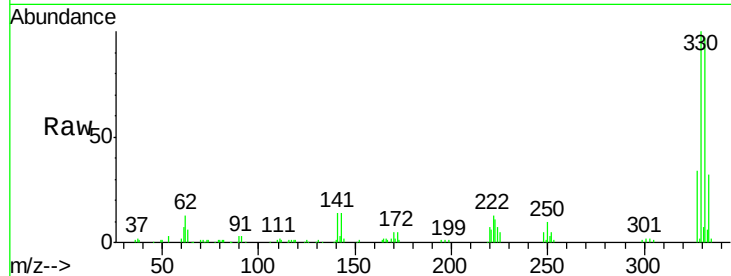
Tot Ion:330 Resp: 105371

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

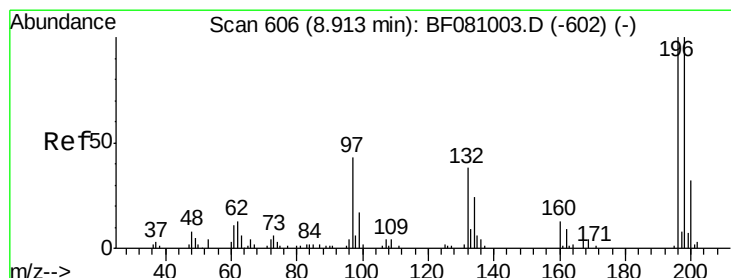
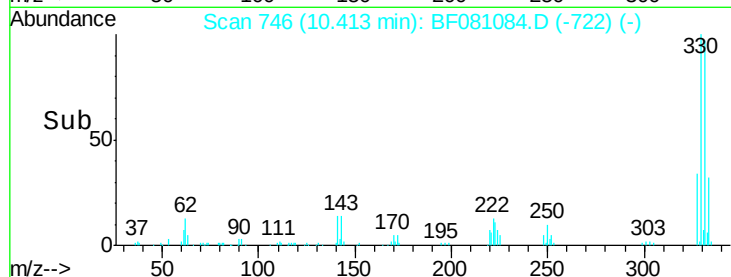
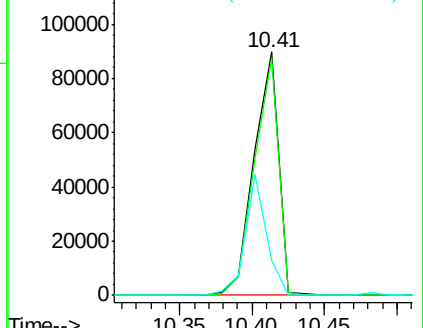
141 43.1 44.9 67.3#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 31.85 ng

RT: 8.87 min Scan# 611

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

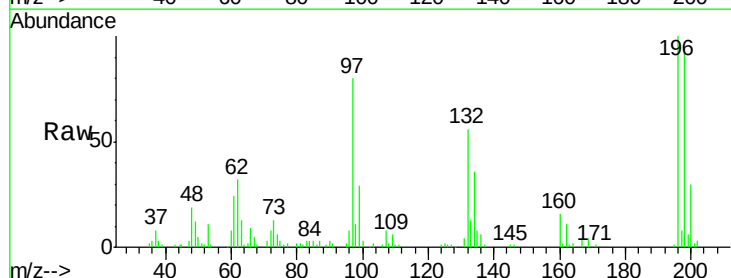
Tgt Ion:196 Resp: 86927

Ion Ratio Lower Upper

196 100

198 94.4 74.6 111.8

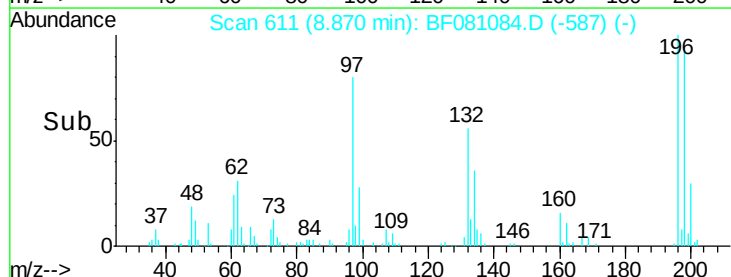
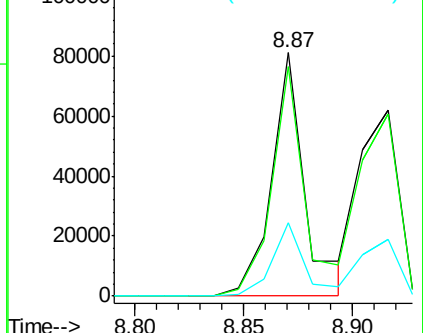
200 30.2 22.7 34.1

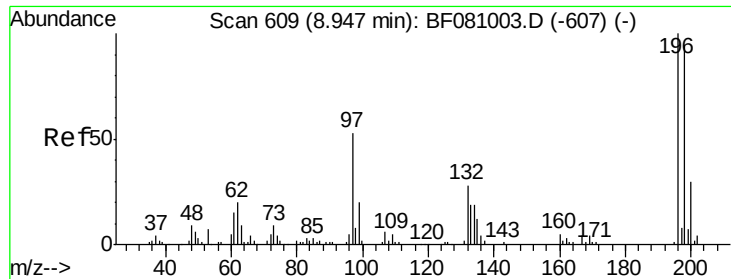


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

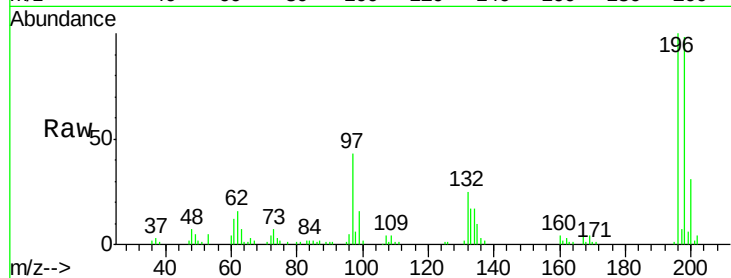




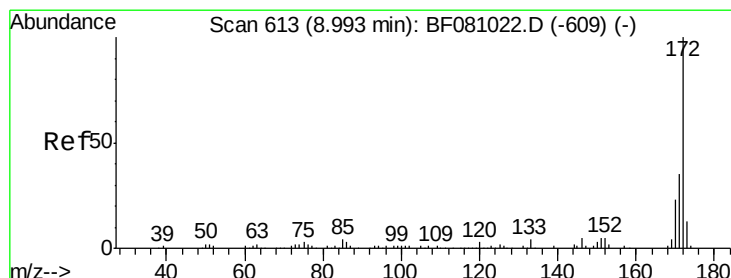
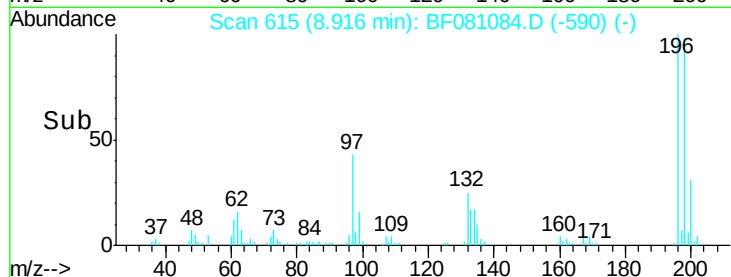
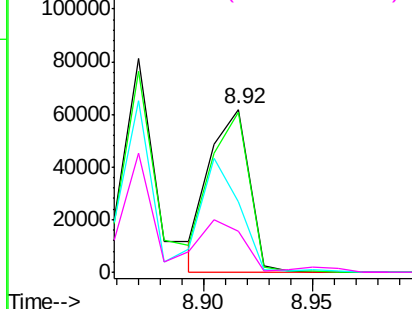
#43
 2,4,5-Trichlorophenol
 Concen: 28.59 ng
 RT: 8.92 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 77986
 Ion Ratio Lower Upper
 196 100
 198 98.1 78.3 117.5
 97 43.4 42.7 64.1
 132 25.2 23.3 34.9

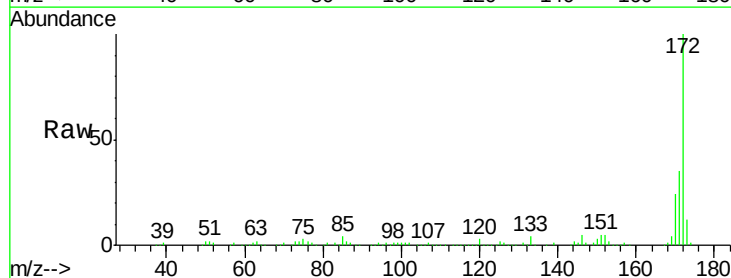


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

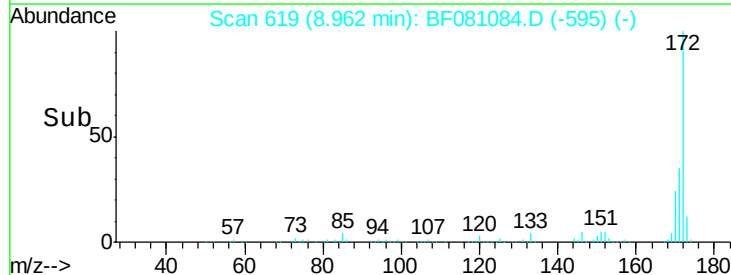
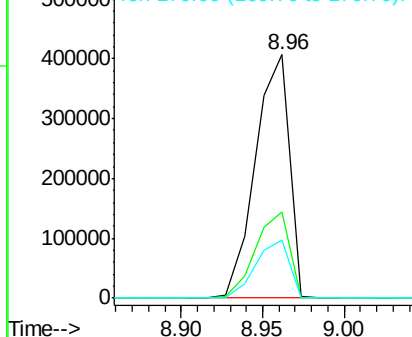


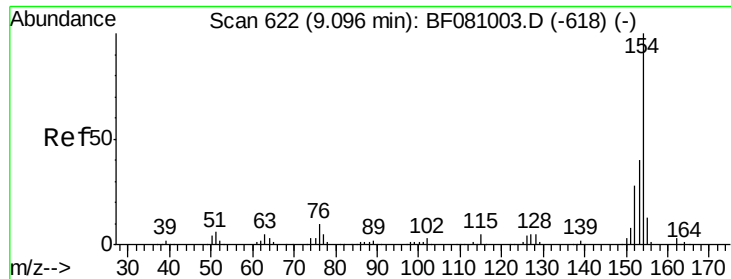
#44
 2-Fluorobiphenyl
 Concen: 64.23 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:172 Resp: 586982
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.7 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

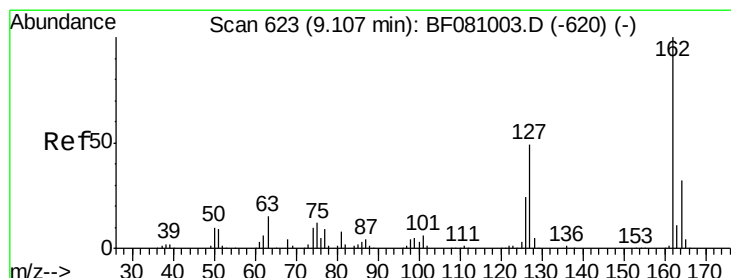
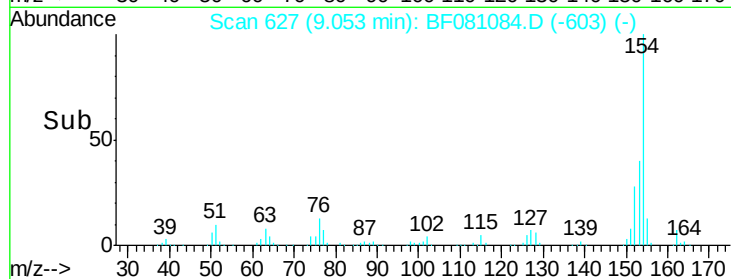
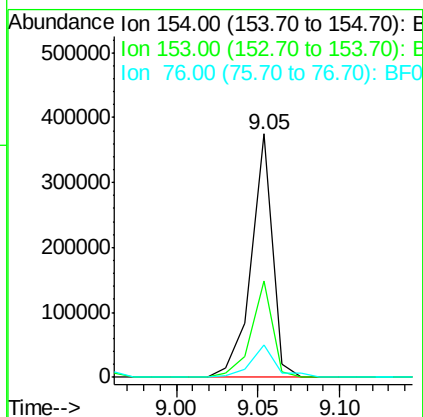
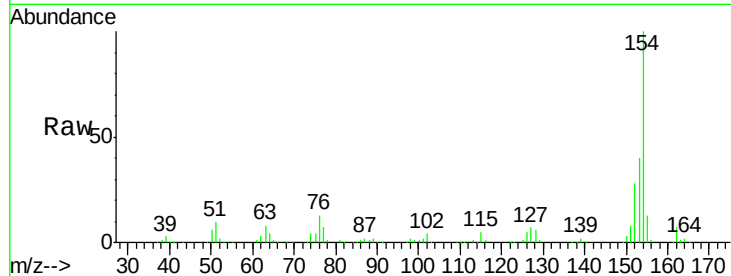




#45
 1,1'-Biphenyl
 Concen: 32.20 ng
 RT: 9.05 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

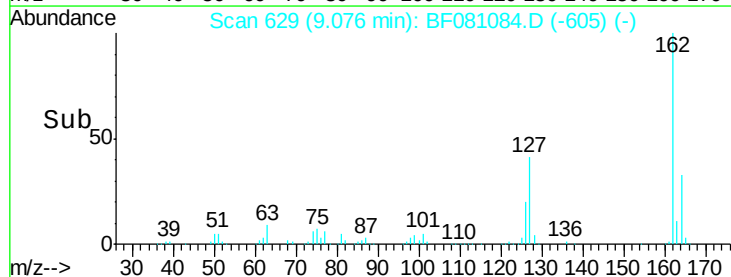
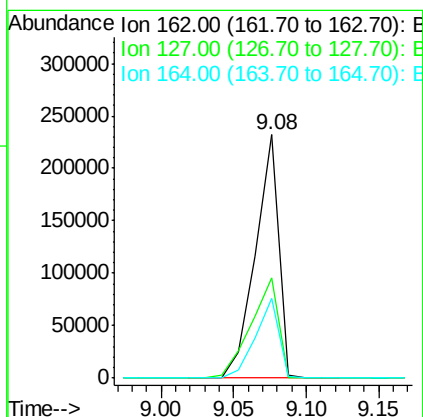
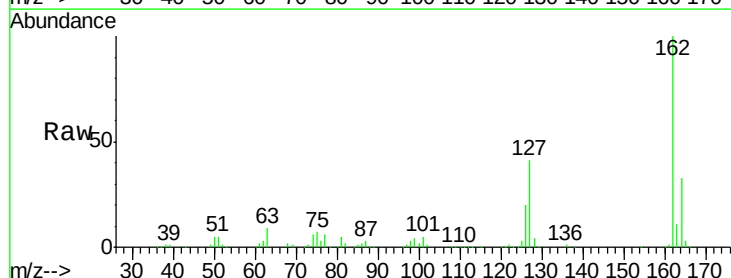
Instrument :
 BNA_F
 ClientSampled :

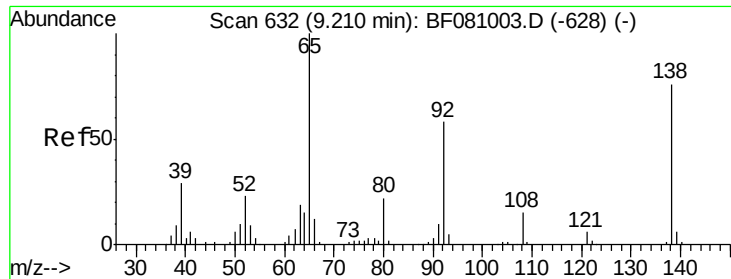
Tot Ion:154 Resp: 339692
 Ion Ratio Lower Upper
 154 100
 153 39.7 19.5 59.5
 76 13.4 0.0 29.3



#46
 2-Chloronaphthalene
 Concen: 30.58 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:162 Resp: 259137
 Ion Ratio Lower Upper
 162 100
 127 41.2 31.3 46.9
 164 32.8 26.3 39.5

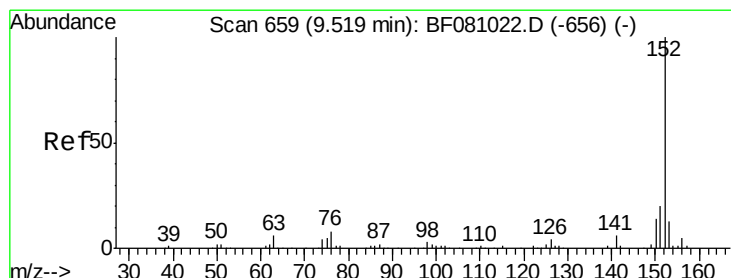
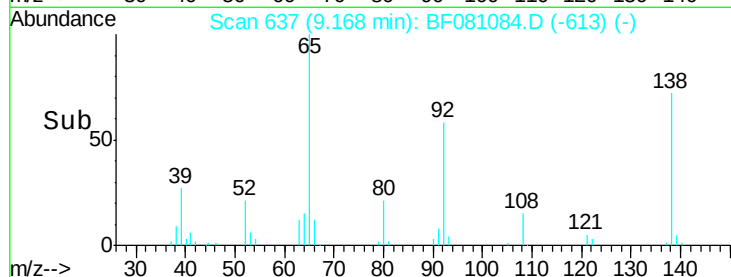
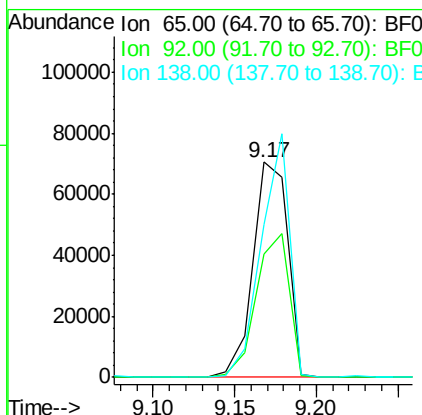
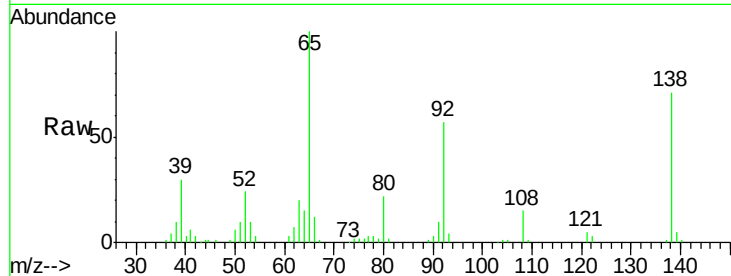




#47
 2-Nitroaniline
 Concen: 30.13 ng
 RT: 9.17 min Scan# 637
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

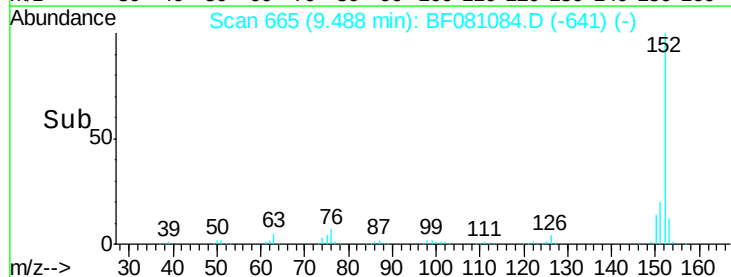
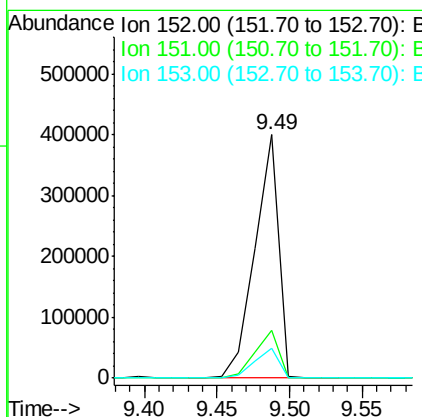
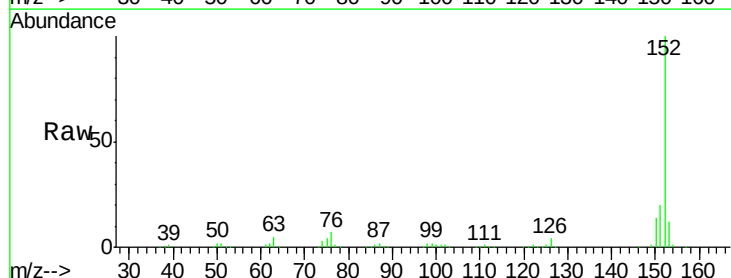
Instrument :
 BNA_F
 ClientSampleId :

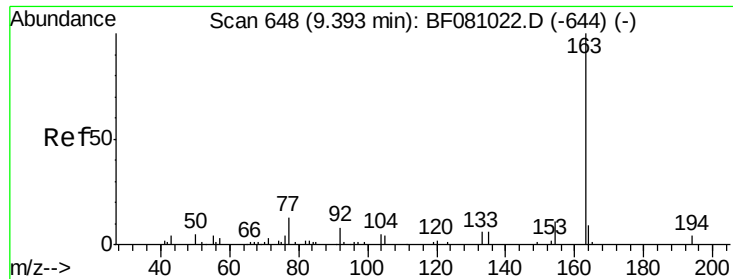
Tot Ion: 65 Resp: 104495
 Ion Ratio Lower Upper
 65 100
 92 57.2 45.6 68.4
 138 71.1 57.9 86.9



#48
 Acenaphthylene
 Concen: 29.93 ng
 RT: 9.49 min Scan# 665
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion: 152 Resp: 453644
 Ion Ratio Lower Upper
 152 100
 151 19.7 16.1 24.1
 153 12.4 9.8 14.6

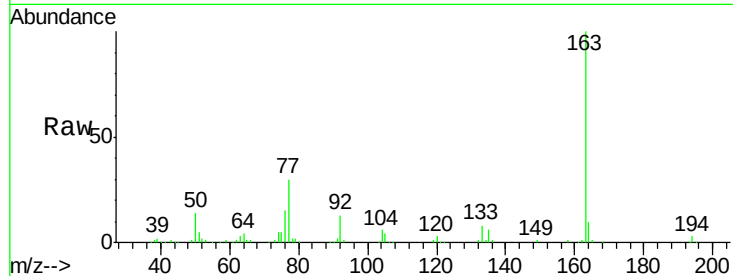




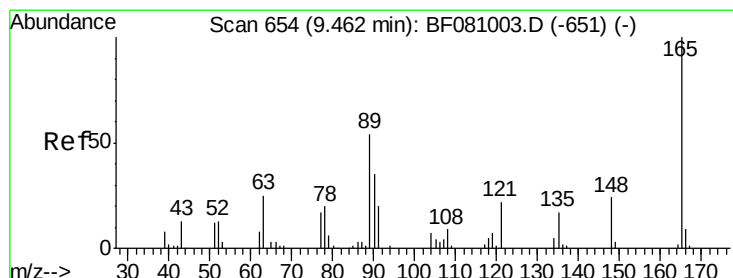
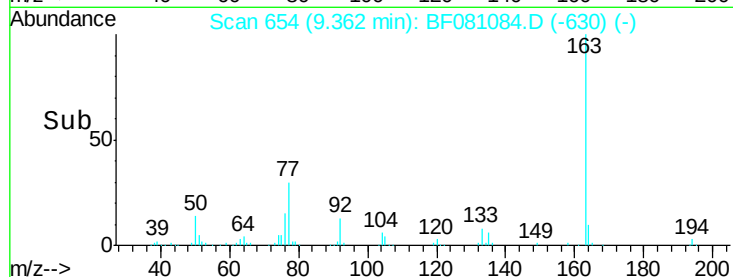
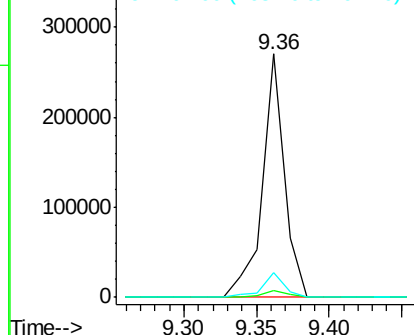
#49
Dimethylphthalate
Concen: 28.90 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 285020
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.4 8.1 12.1

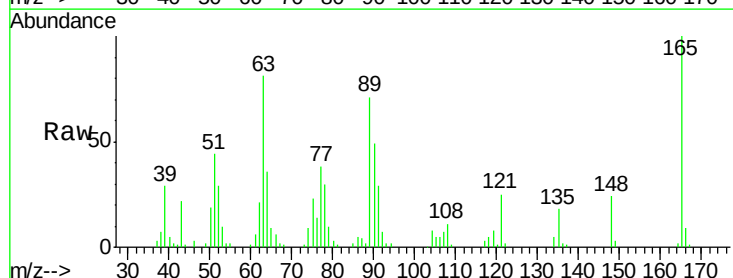


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

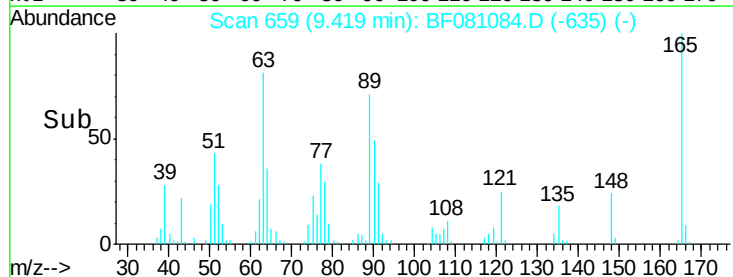
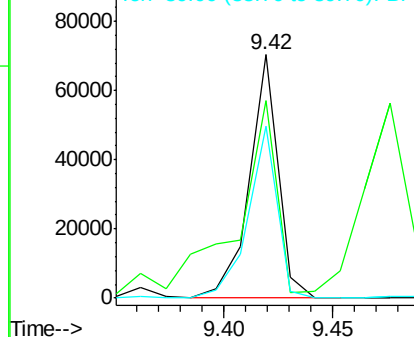


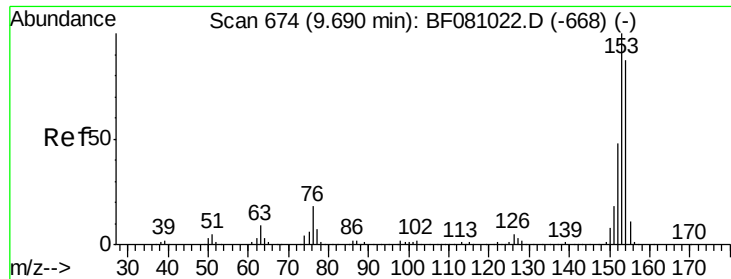
#50
2,6-Dinitrotoluene
Concen: 30.47 ng
RT: 9.42 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion:165 Resp: 64511
Ion Ratio Lower Upper
165 100
63 81.3 49.5 74.3#
89 70.7 47.6 71.4



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 29.13 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

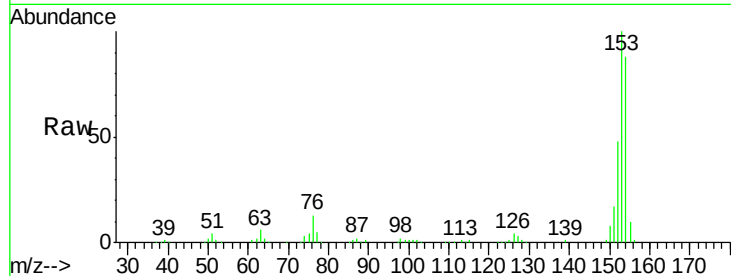
Tot Ion:154 Resp: 264336

Ion Ratio Lower Upper

154 100

153 113.4 91.4 137.2

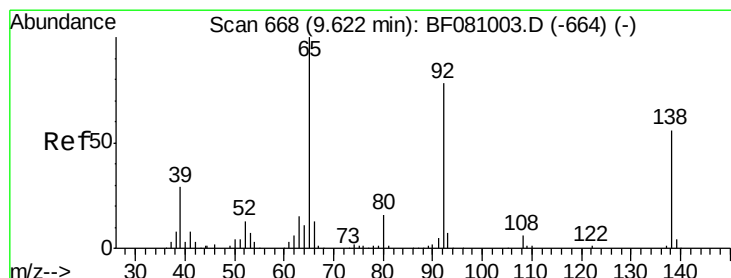
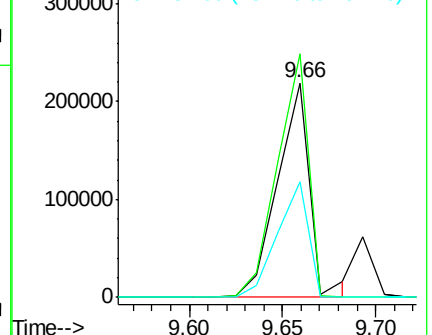
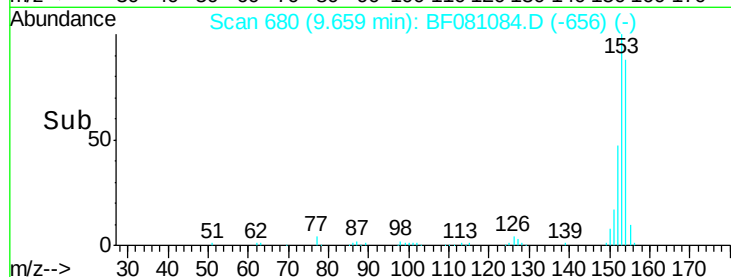
152 53.9 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 15.31 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

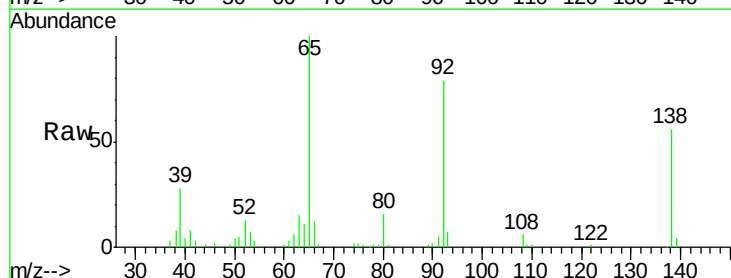
Tgt Ion:138 Resp: 40554

Ion Ratio Lower Upper

138 100

108 11.5 9.4 14.2

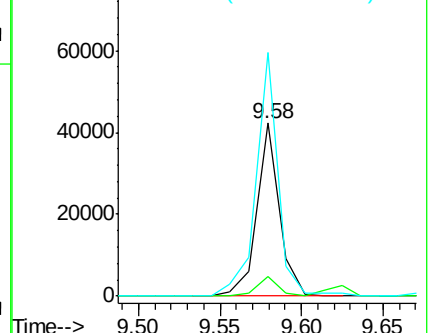
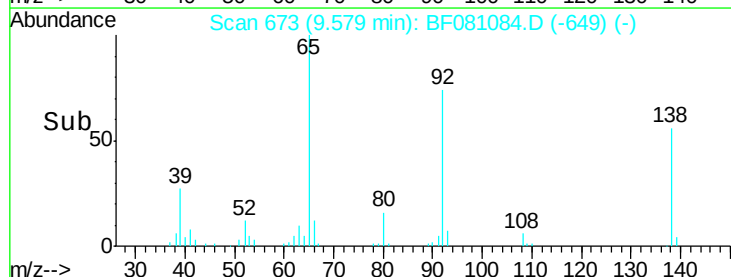
92 141.1 113.2 169.8

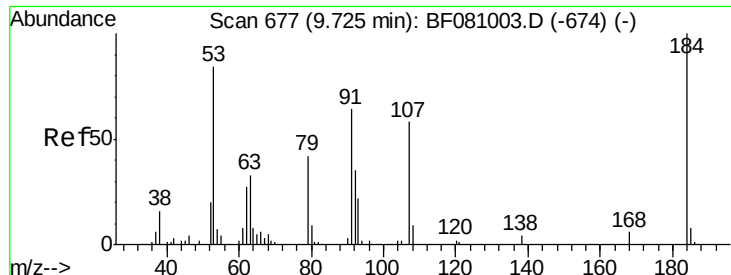


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

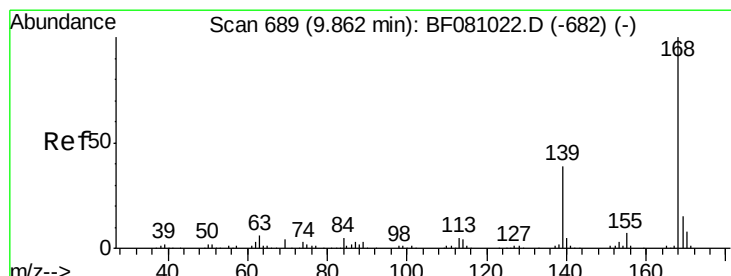
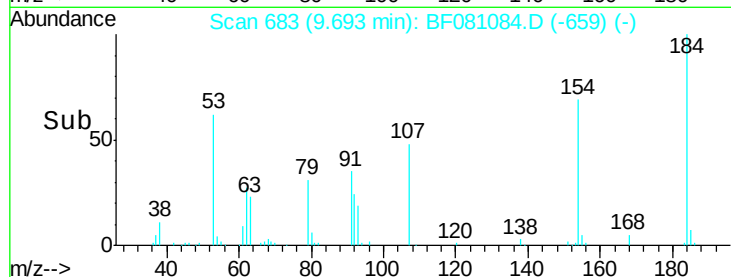
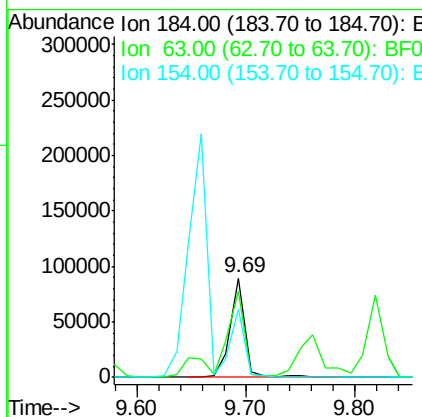
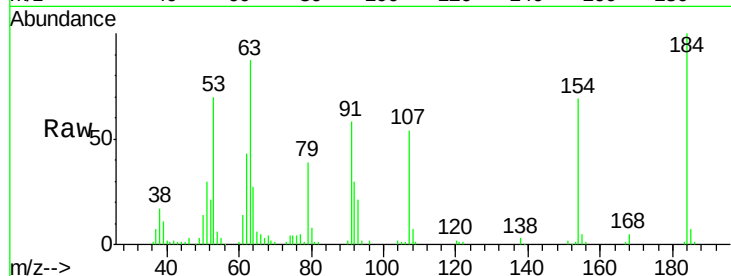




#53
 2,4-Dinitrophenol
 Concen: 73.04 ng
 RT: 9.69 min Scan# 683
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

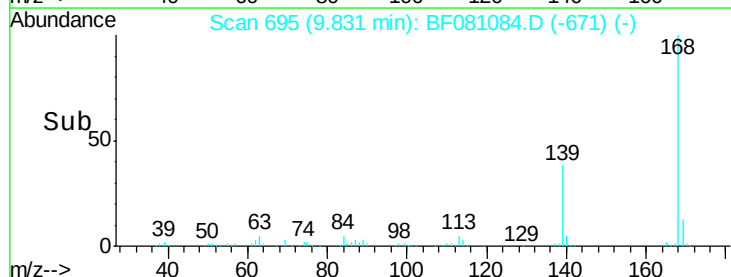
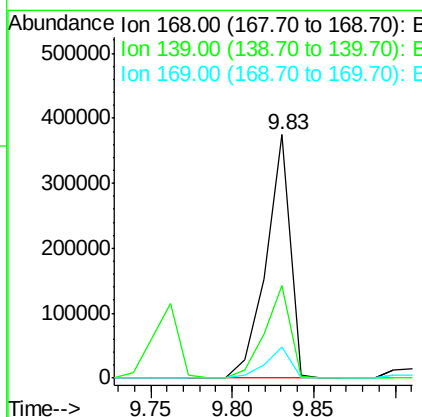
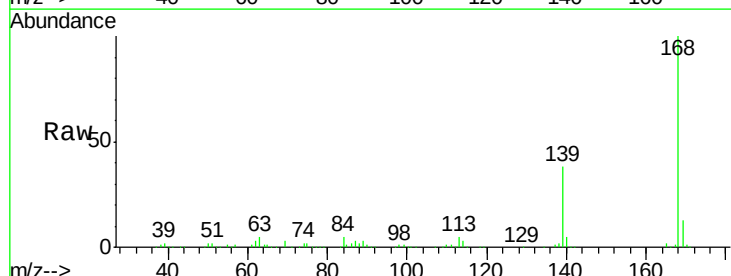
Instrument :
 BNA_F
 ClientSampleId :

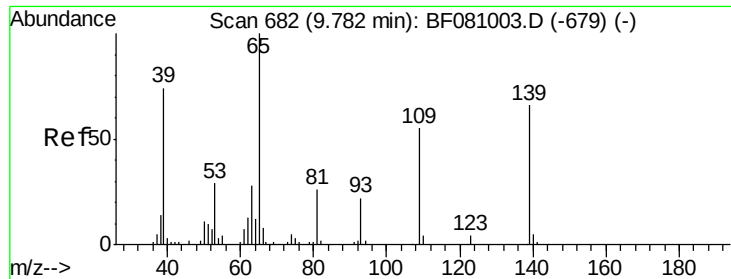
Tot Ion:184 Resp: 84584
 Ion Ratio Lower Upper
 184 100
 63 87.4 101.7 152.5#
 154 69.4 67.4 101.0



#54
 Dibenzofuran
 Concen: 31.67 ng
 RT: 9.83 min Scan# 695
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:168 Resp: 385136
 Ion Ratio Lower Upper
 168 100
 139 38.1 29.3 43.9
 169 13.1 10.3 15.5





#55

4-Nitrophenol

Concen: 69.71 ng

RT: 9.76 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

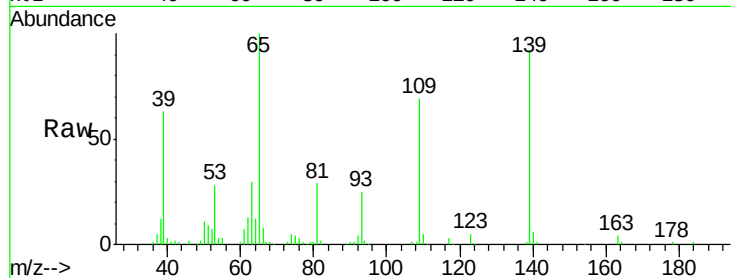
Tot Ion:139 Resp: 129731

Ion Ratio Lower Upper

139 100

109 75.8 80.0 120.0#

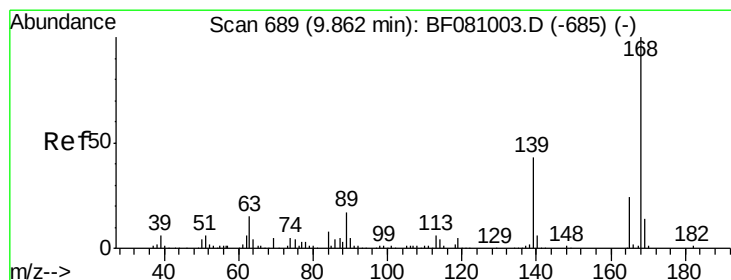
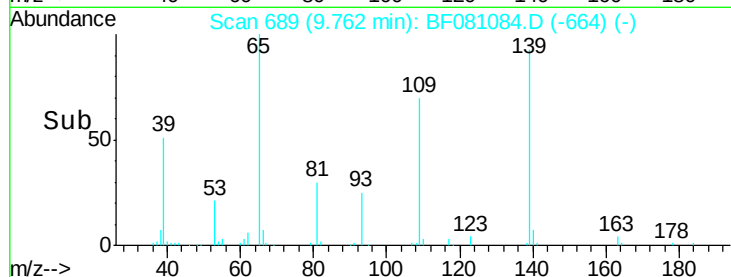
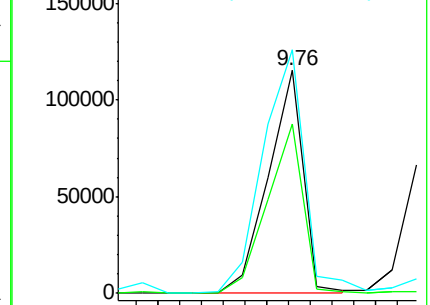
65 109.2 138.3 178.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 30.50 ng

RT: 9.82 min Scan# 694

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Tgt Ion:165 Resp: 85604

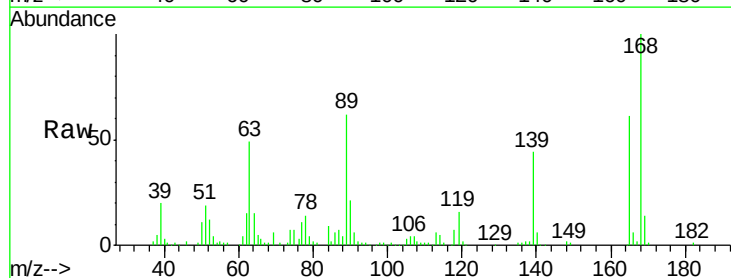
Ion Ratio Lower Upper

165 100

63 79.9 52.2 78.4#

89 101.2 60.1 90.1#

182 1.9 1.8 2.6

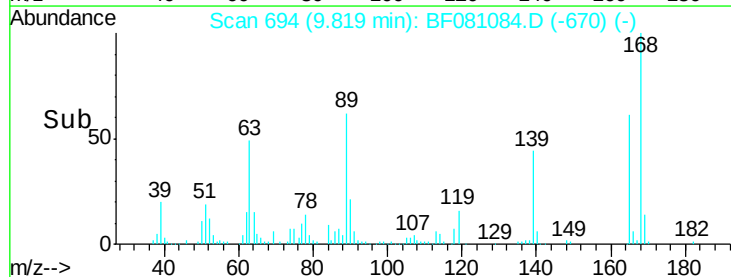
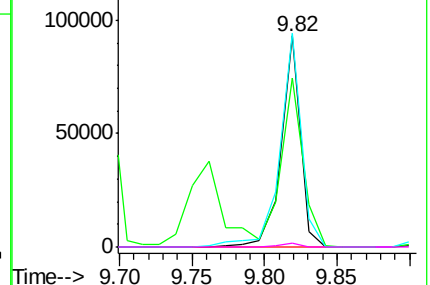


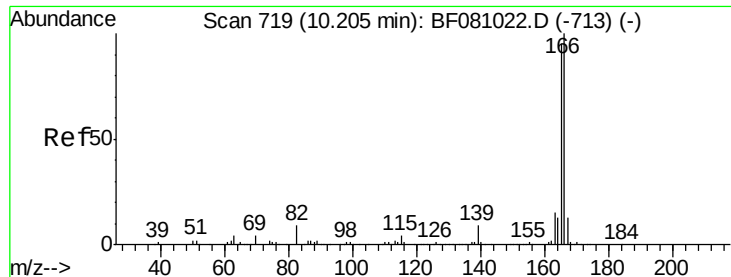
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

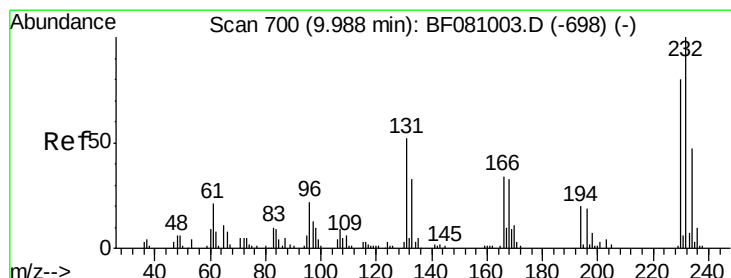
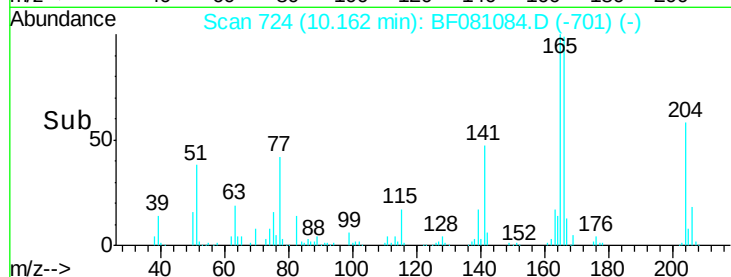
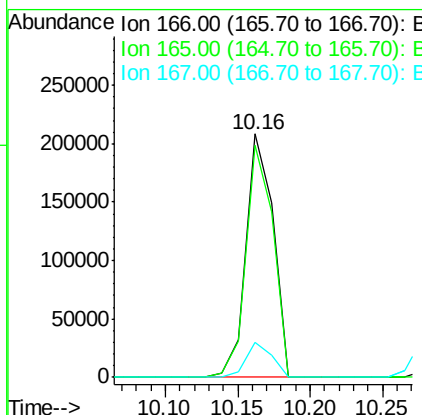
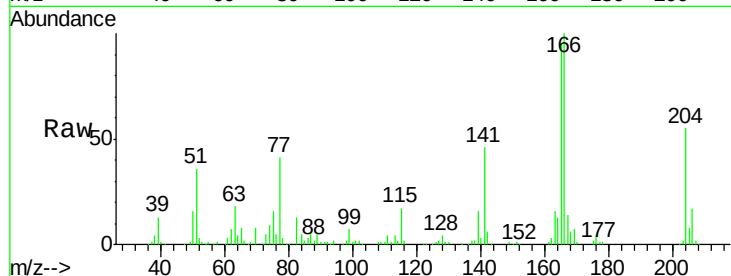




#57
 Fluorene
 Concen: 28.95 ng
 RT: 10.16 min Scan# 724
 Delta R.T. -0.04 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

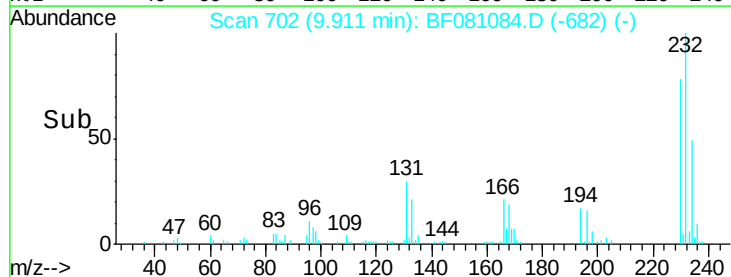
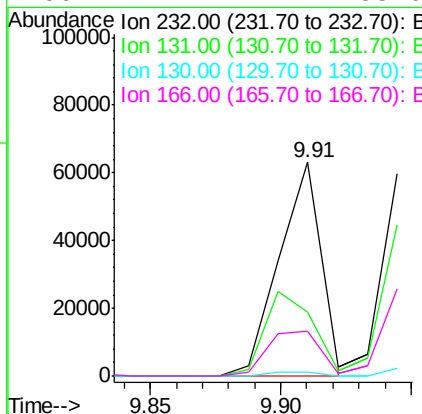
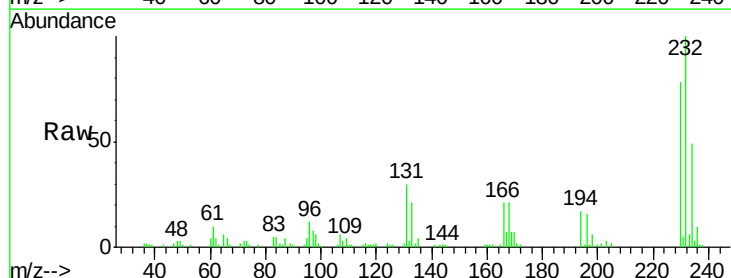
Instrument :
 BNA_F
 ClientSampled :

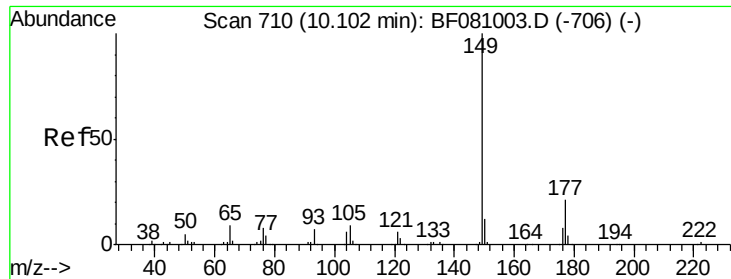
Tot Ion:166 Resp: 270847
 Ion Ratio Lower Upper
 166 100
 165 95.4 75.8 113.8
 167 14.3 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.29 ng
 RT: 9.91 min Scan# 702
 Delta R.T. -0.08 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:232 Resp: 70296
 Ion Ratio Lower Upper
 232 100
 131 46.0 42.2 63.4
 130 2.3 2.1 3.1
 166 27.1 22.4 33.6

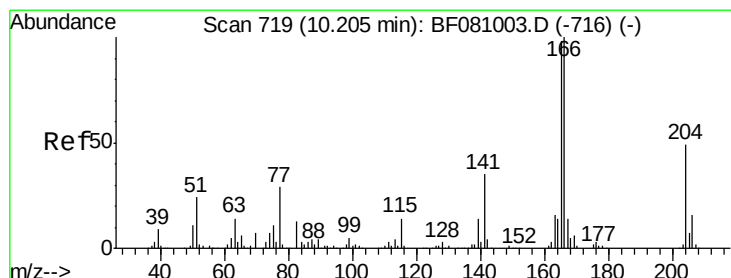
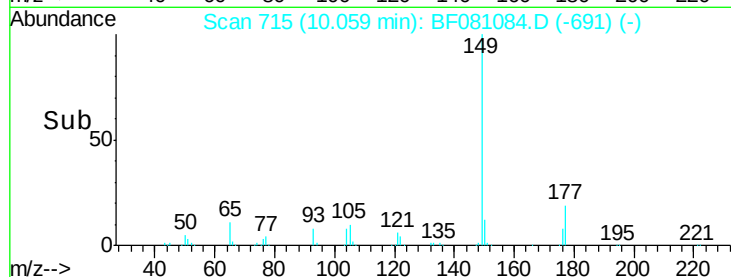
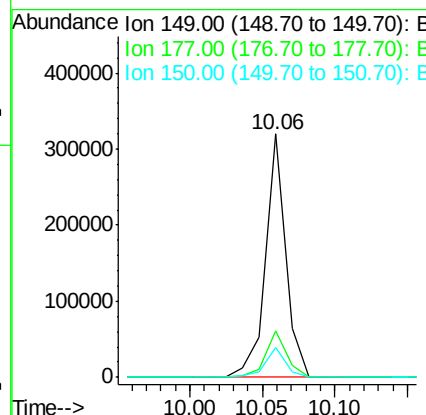
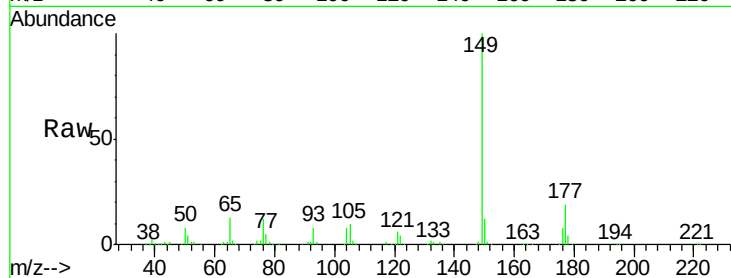




#59
Diethylphthalate
Concen: 29.65 ng
RT: 10.06 min Scan# 715
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

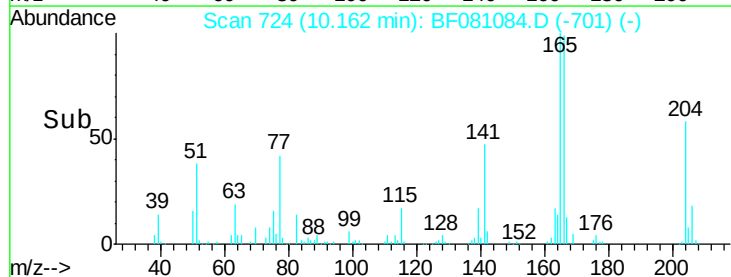
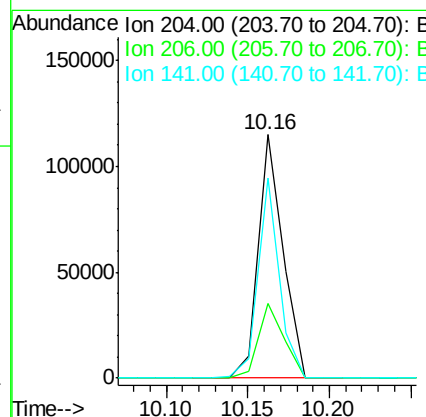
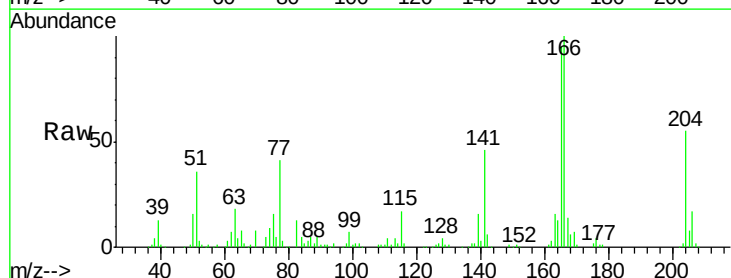
Instrument :
BNA_F
ClientSampleId :

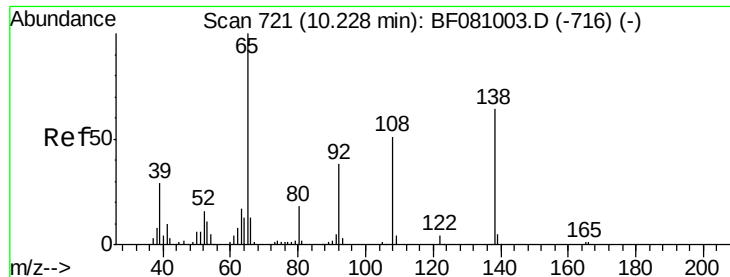
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.0	14.1	21.1
150	12.4	10.3	15.5



#60
4-Chlorophenyl-phenylether
Concen: 30.59 ng
RT: 10.16 min Scan# 724
Delta R.T. -0.04 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.9	26.2	39.2
141	82.4	59.6	89.4





#61

4-Nitroaniline

Concen: 29.66 ng

RT: 10.20 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

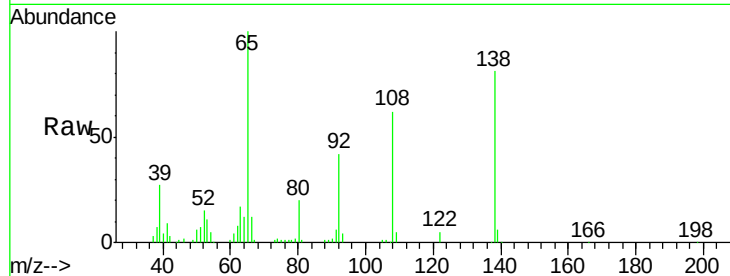
Tot Ion:138 Resp: 80336

Ion Ratio Lower Upper

138 100

92 52.1 34.7 74.7

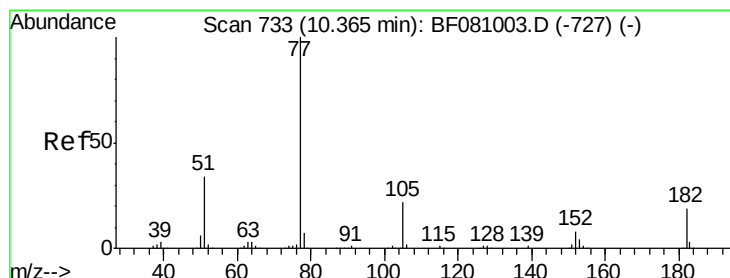
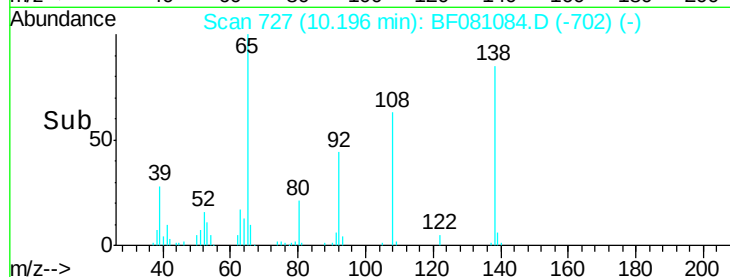
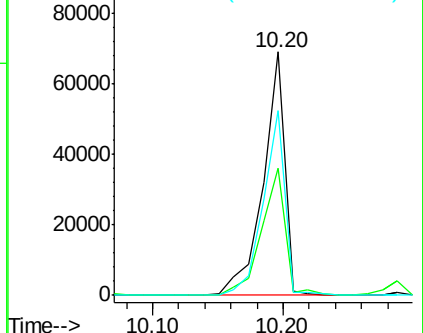
108 75.8 68.9 108.9



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 30.91 ng

RT: 10.32 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Tgt Ion: 77 Resp: 371765

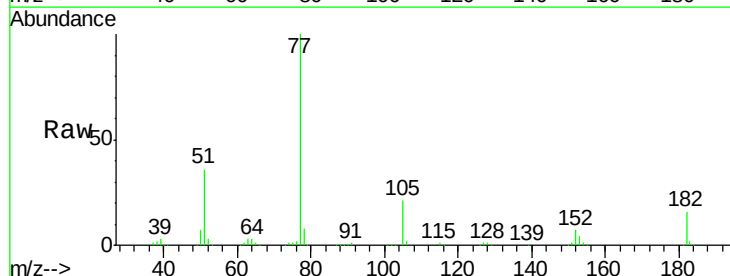
Ion Ratio Lower Upper

77 100

182 16.1 0.0 39.0

105 20.5 0.2 40.2

51 36.0 18.0 58.0

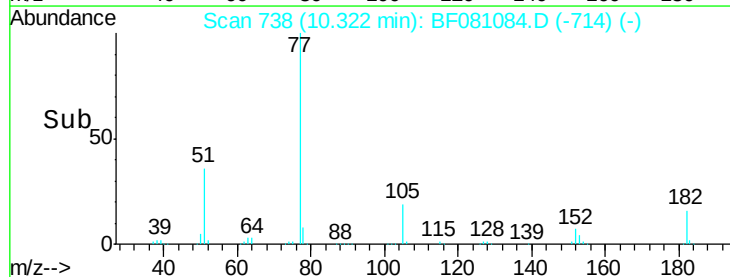
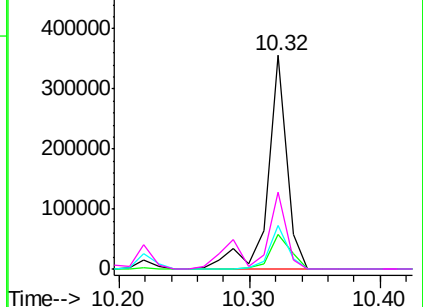


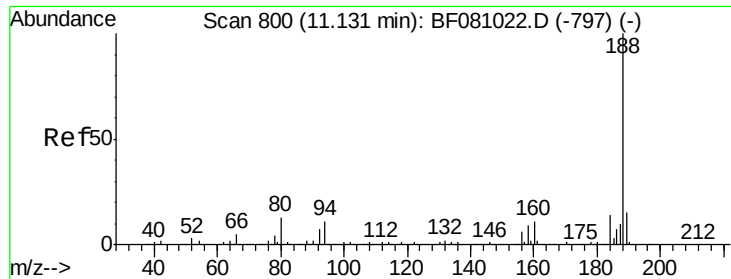
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.09 min Scan# 805

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

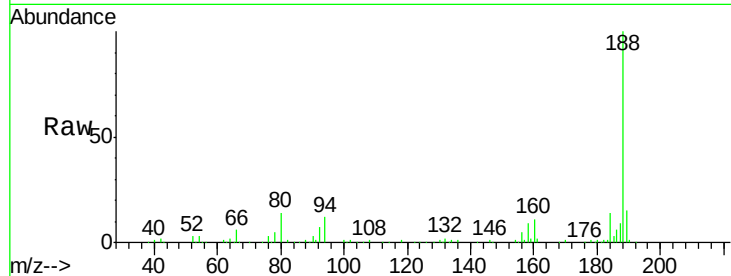
Tot Ion:188 Resp: 228819

Ion Ratio Lower Upper

188 100

94 12.4 8.2 12.2#

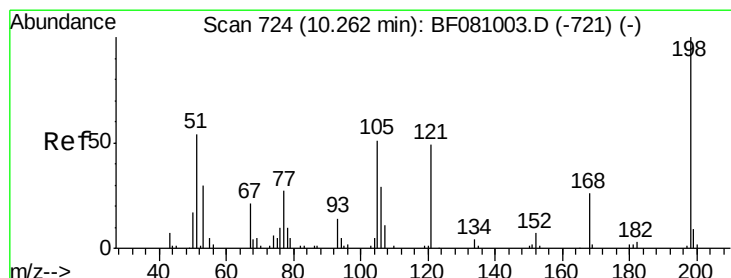
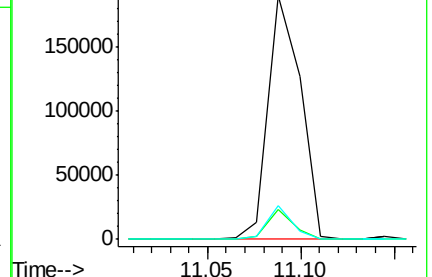
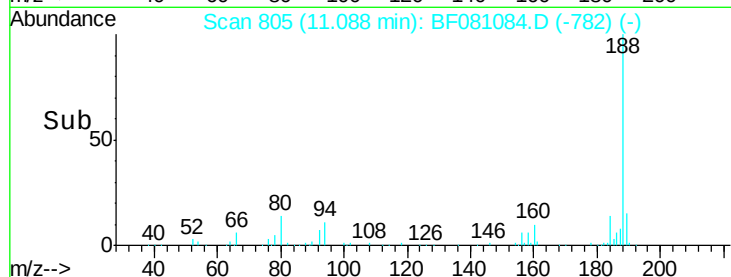
80 14.1 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 34.14 ng

RT: 10.22 min Scan# 729

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

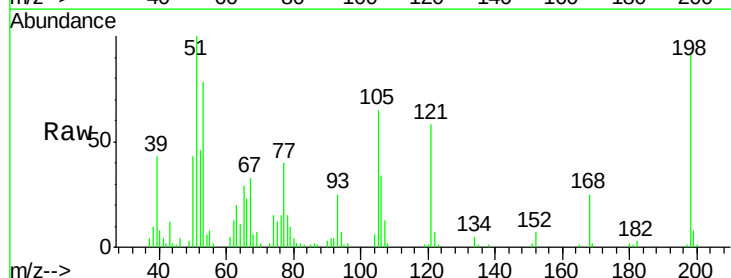
Tgt Ion:198 Resp: 46651

Ion Ratio Lower Upper

198 100

51 108.3 79.7 119.7

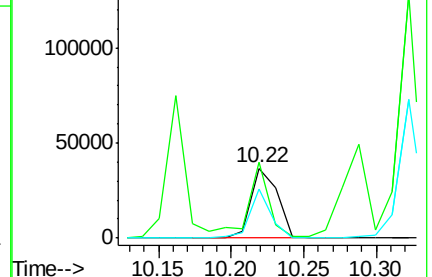
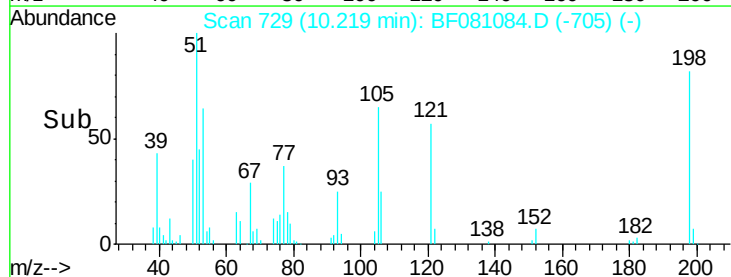
105 70.2 47.0 87.0

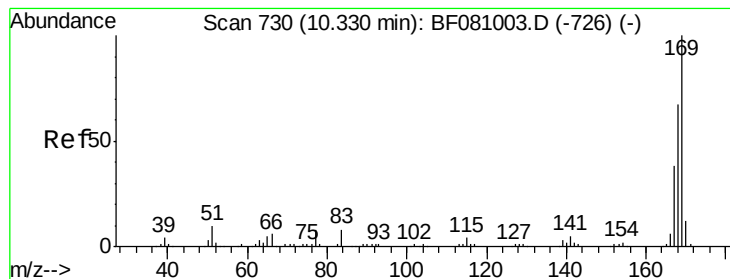


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

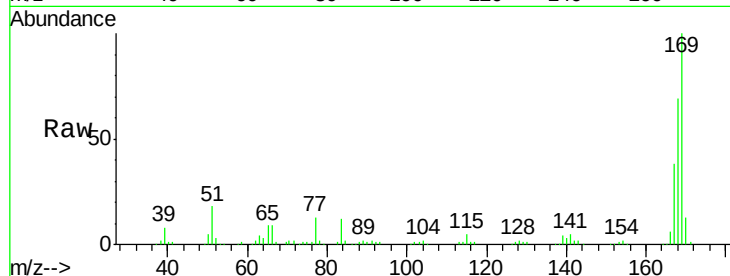




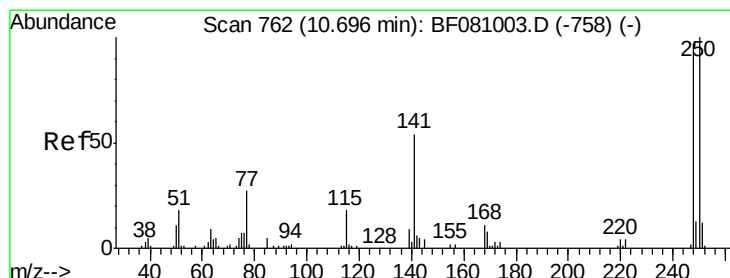
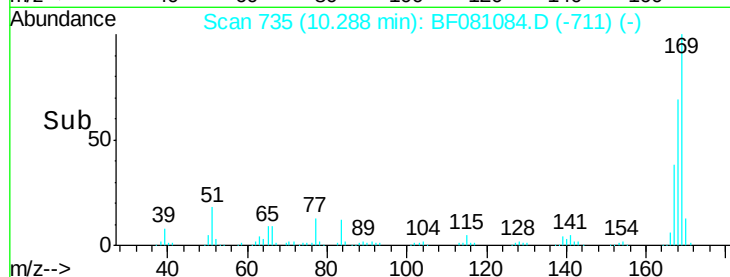
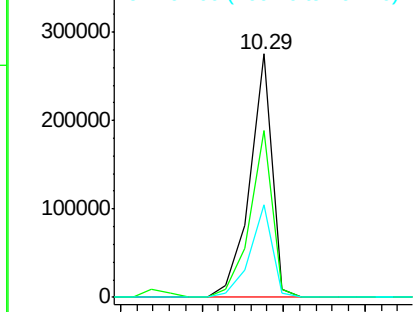
#65
 n-Nitrosodiphenylamine
 Concen: 32.00 ng
 RT: 10.29 min Scan# 735
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 261370
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.3 82.9
 167 37.9 30.8 46.2

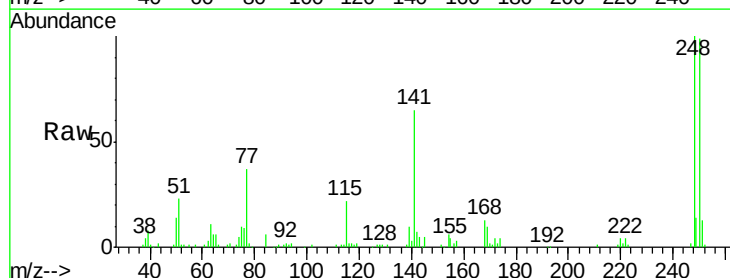


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

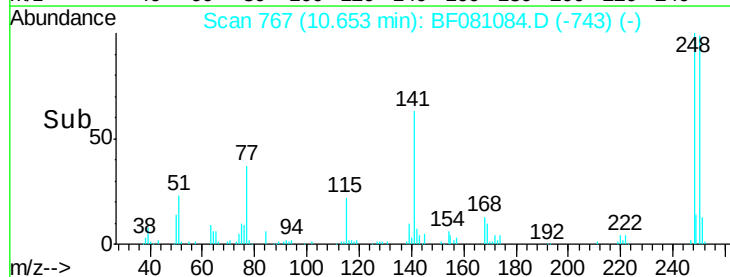
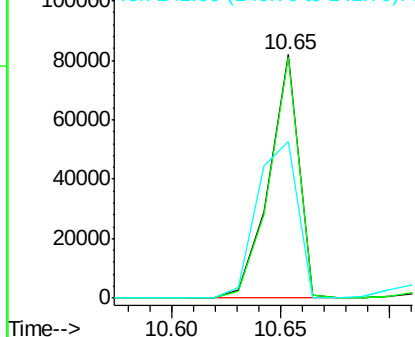


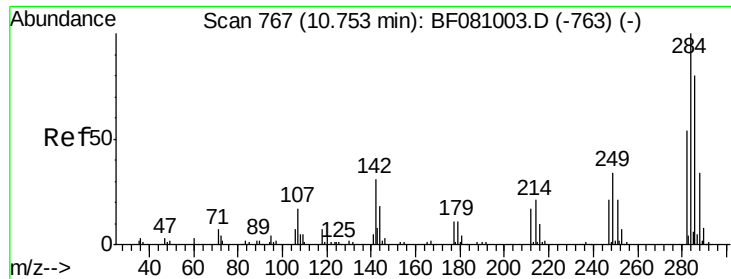
#66
 4-Bromophenyl-phenylether
 Concen: 34.91 ng
 RT: 10.65 min Scan# 767
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:248 Resp: 78484
 Ion Ratio Lower Upper
 248 100
 250 98.9 77.8 116.6
 141 64.5 39.8 59.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.74 ng

RT: 10.71 min Scan# 772

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

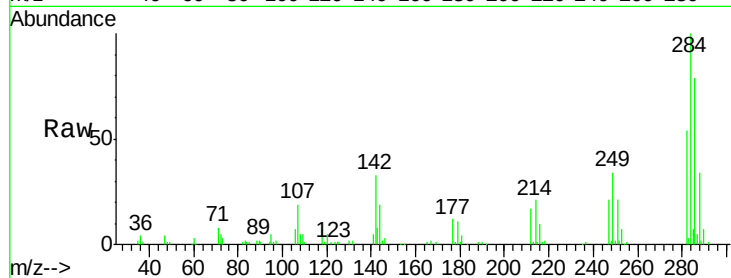
Tot Ion:284 Resp: 79079

Ion Ratio Lower Upper

284 100

142 32.9 25.4 38.0

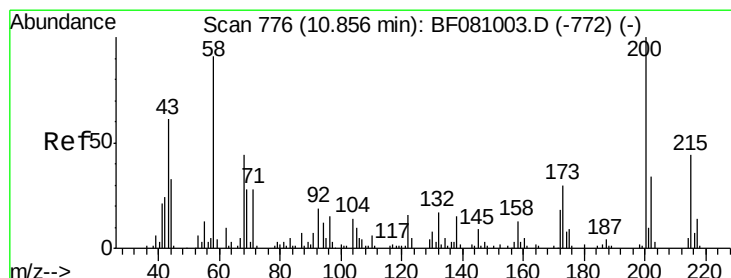
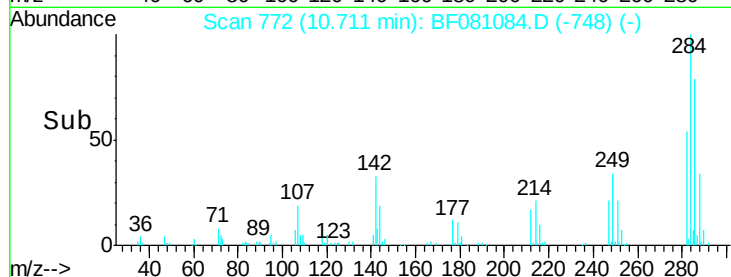
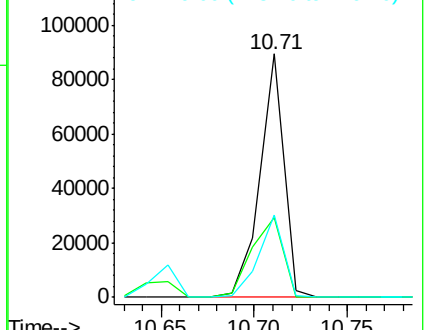
249 33.6 28.5 42.7



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 35.43 ng

RT: 10.82 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

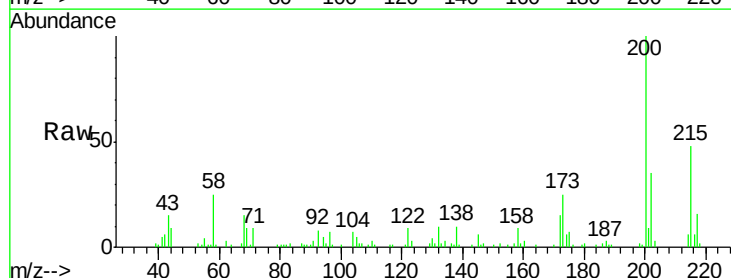
Tgt Ion:200 Resp: 80640

Ion Ratio Lower Upper

200 100

173 24.6 8.1 48.1

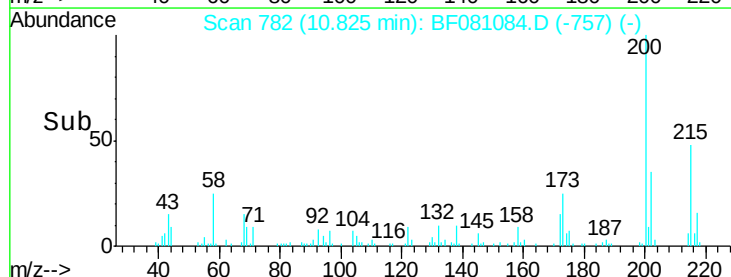
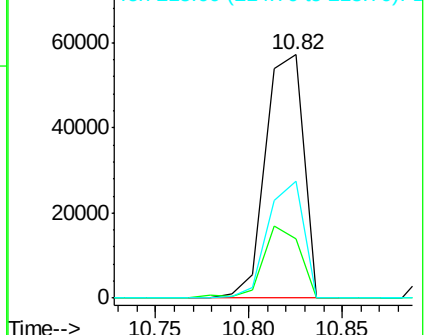
215 48.1 23.3 63.3

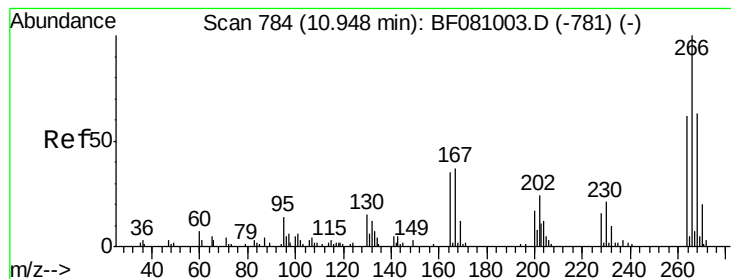


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 66.43 ng

RT: 10.90 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :
BNA_F
ClientSampleId :

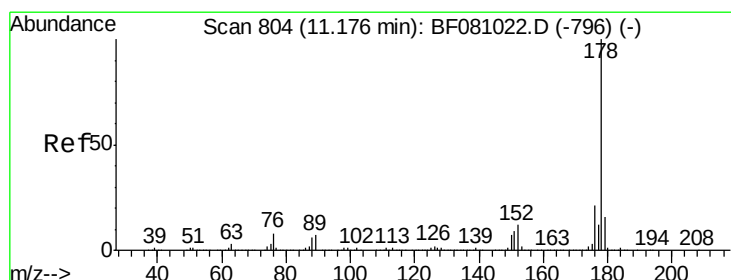
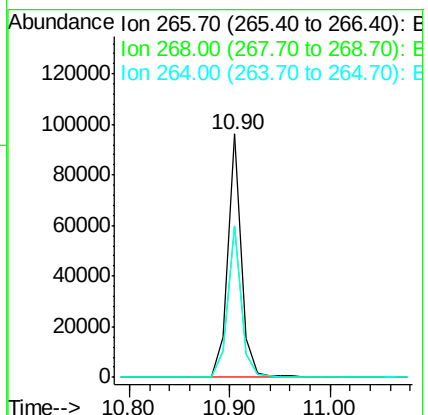
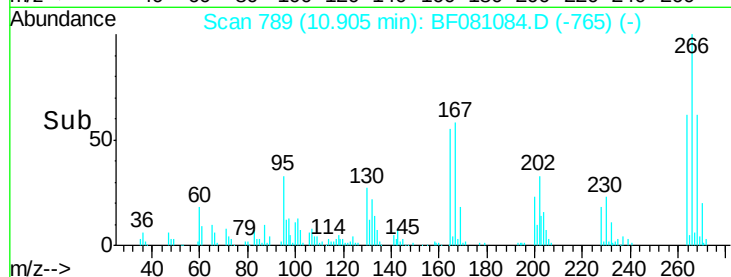
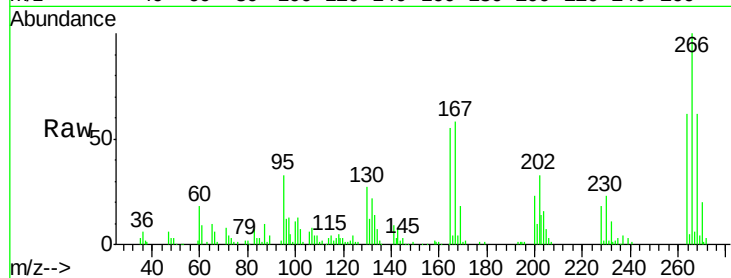
Tot Ion:266 Resp: 90740

Ion Ratio Lower Upper

266 100

268 62.2 51.2 76.8

264 62.0 50.6 75.8



#70

Phenanthrene

Concen: 32.76 ng

RT: 11.12 min Scan# 808

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

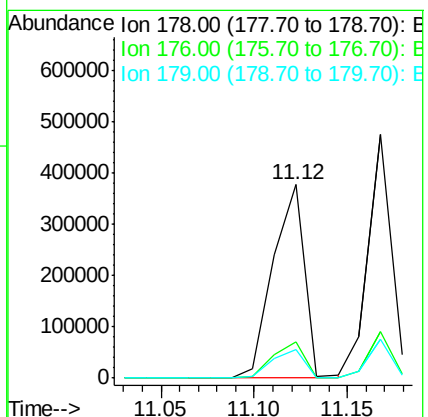
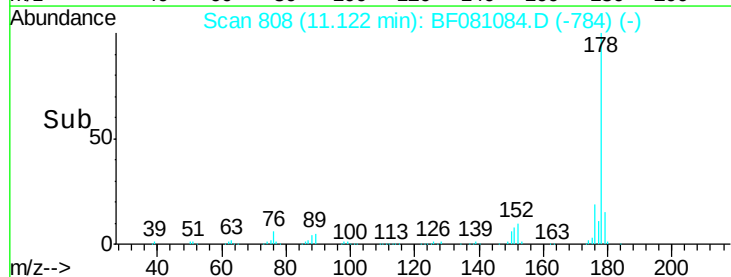
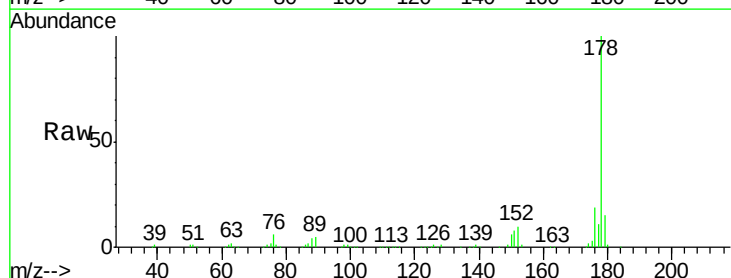
Tgt Ion:178 Resp: 444248

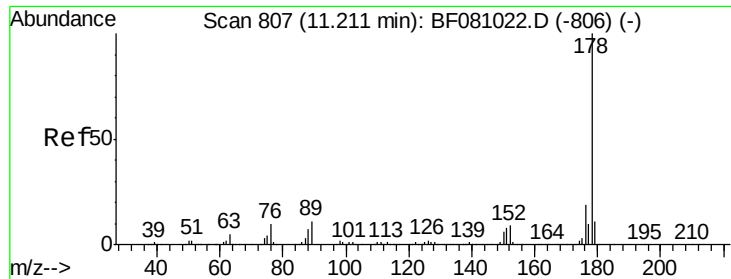
Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

179 14.8 12.2 18.2





#71

Anthracene

Concen: 31.22 ng

RT: 11.17 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

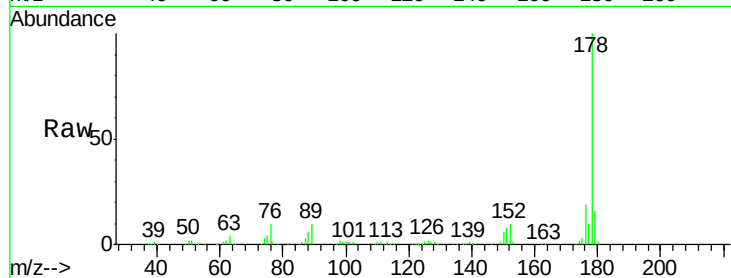
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 411964

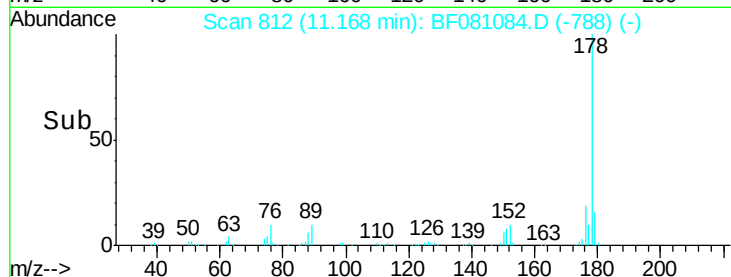
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.7	23.5
179	15.9	12.7	19.1



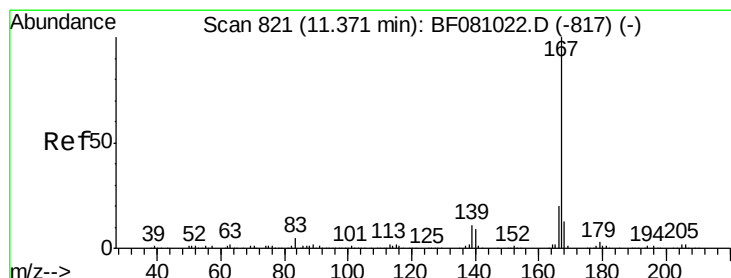
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 11.10 11.15 11.20 11.25



#72

Carbazole

Concen: 35.27 ng

RT: 11.33 min Scan# 826

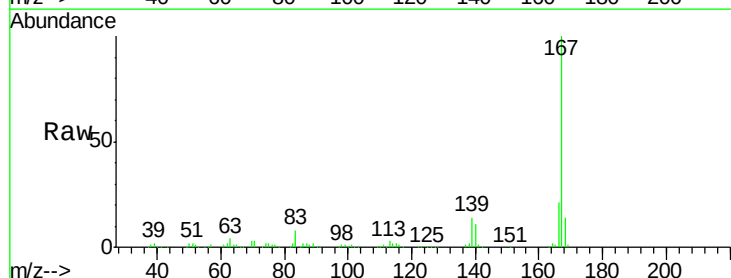
Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Tgt Ion:167 Resp: 448151

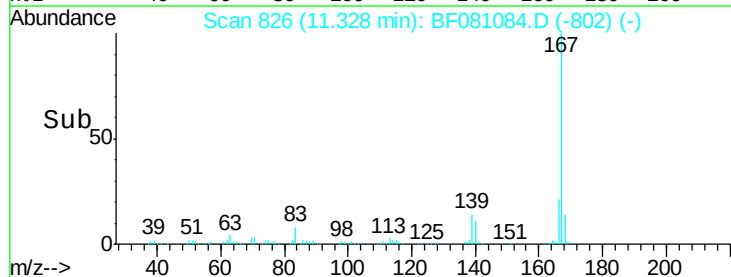
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	13.8	10.6	16.0



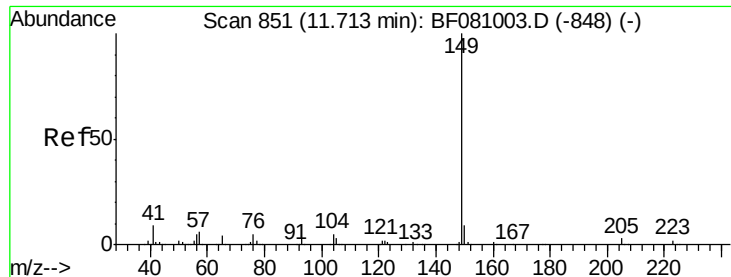
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time--> 11.30 11.40



#73

Di-n-butylphthalate

Concen: 32.03 ng

RT: 11.67 min Scan# 856

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

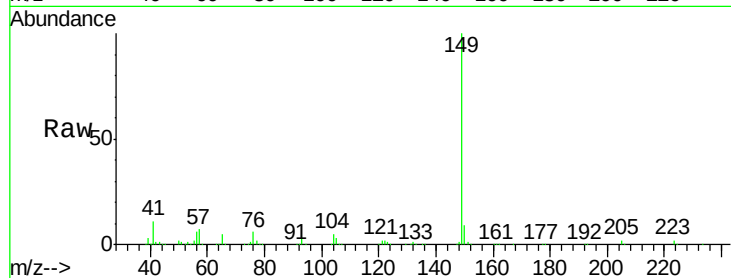
Tot Ion:149 Resp: 492447

Ion Ratio Lower Upper

149 100

150 9.2 7.1 10.7

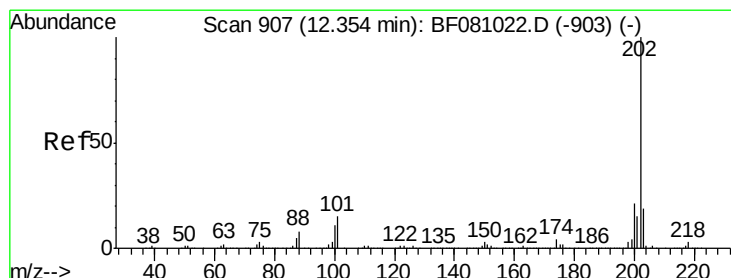
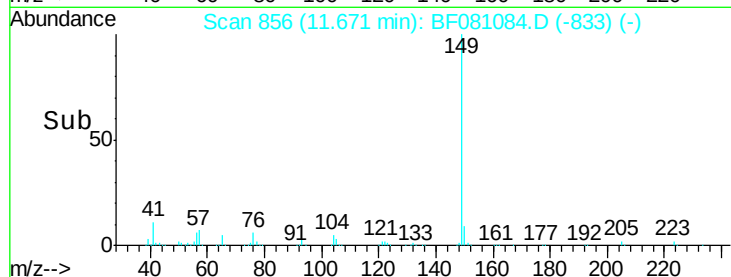
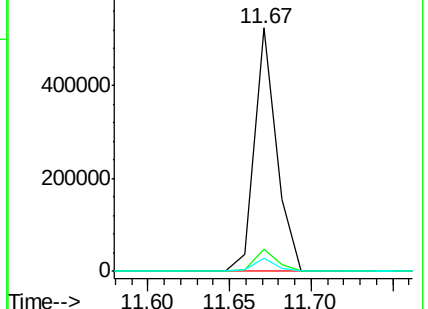
104 5.4 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 32.51 ng

RT: 12.30 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

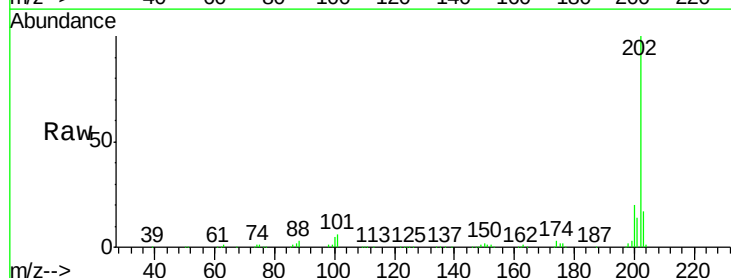
Tgt Ion:202 Resp: 475781

Ion Ratio Lower Upper

202 100

101 6.3 0.0 24.8

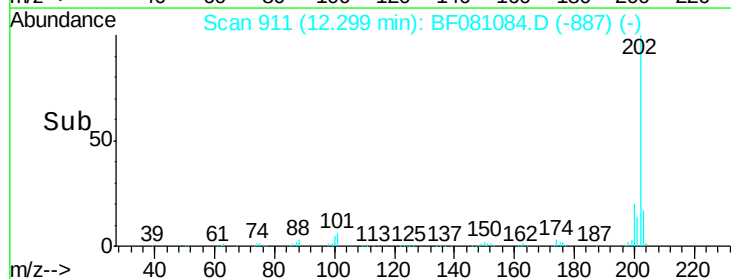
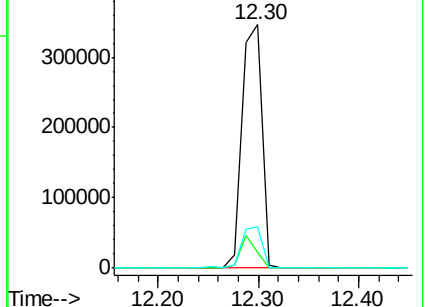
203 17.1 0.0 36.9

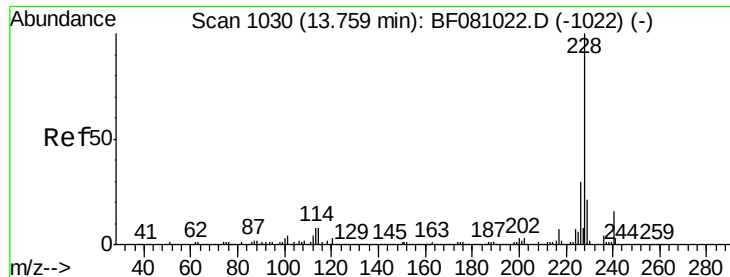


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

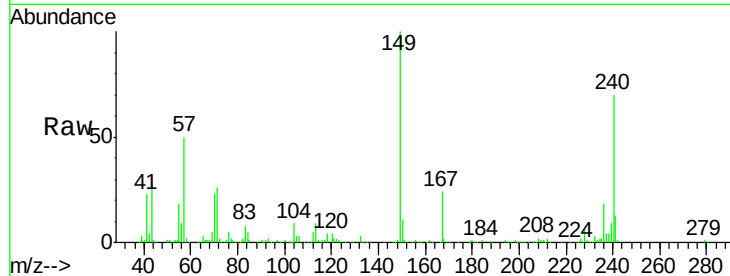
Tot Ion:240 Resp: 198453

Ion Ratio Lower Upper

240 100

120 6.4 5.6 8.4

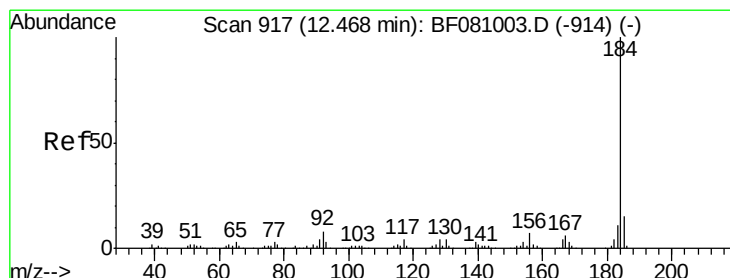
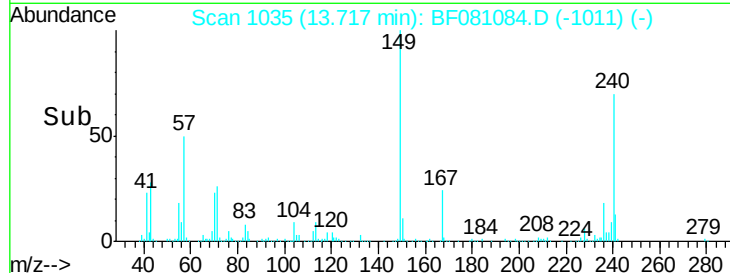
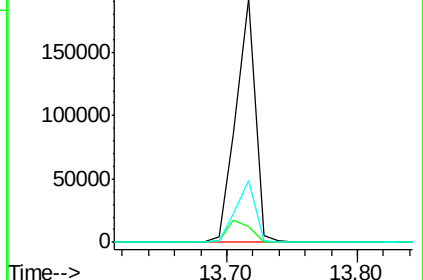
236 25.6 20.6 30.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.48 ng

RT: 12.43 min Scan# 922

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

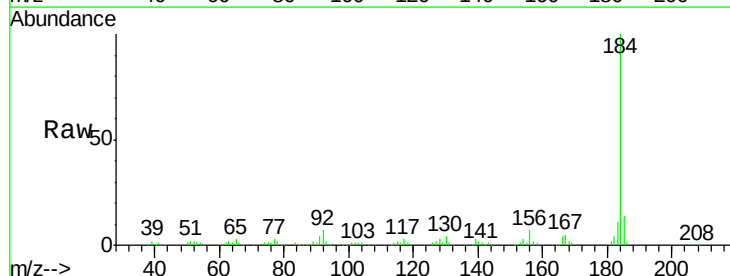
Tgt Ion:184 Resp: 153542

Ion Ratio Lower Upper

184 100

185 14.2 12.0 18.0

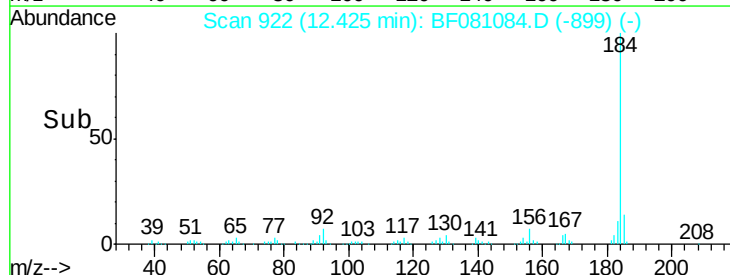
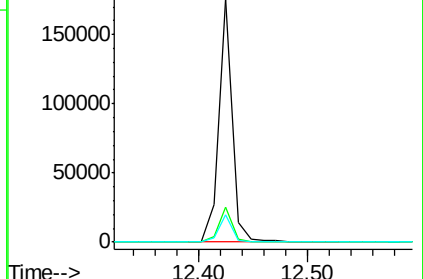
183 11.4 8.9 13.3

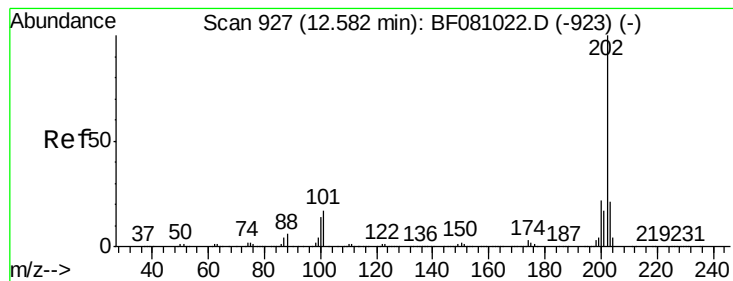


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 28.23 ng

RT: 12.52 min Scan# 930

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

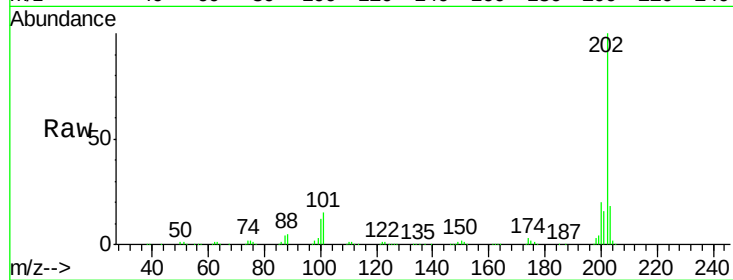
Tot Ion:202 Resp: 455449

Ion Ratio Lower Upper

202 100

200 20.2 16.6 24.8

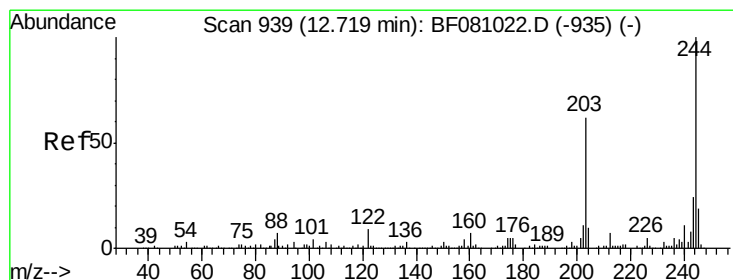
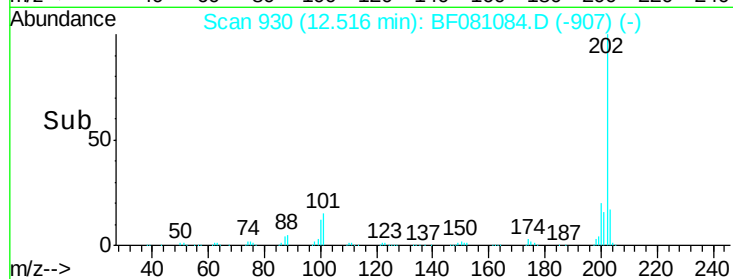
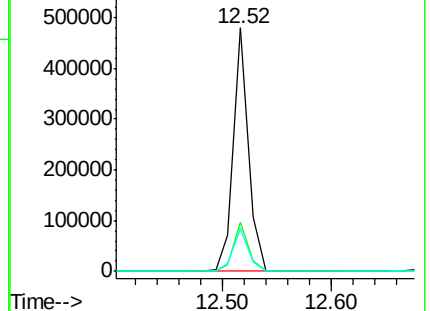
203 17.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 58.40 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

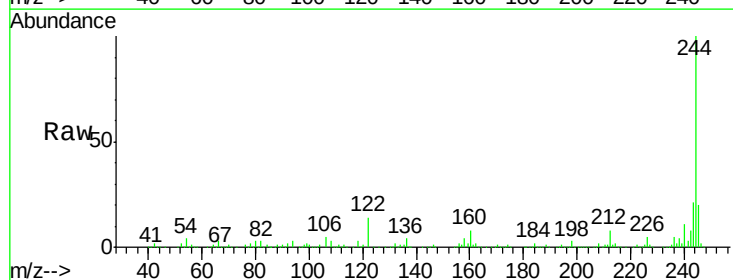
Tgt Ion:244 Resp: 540563

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

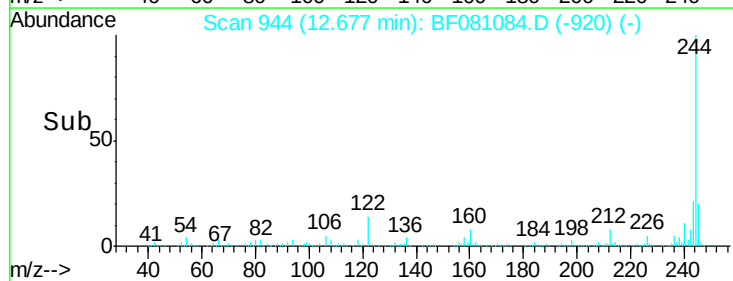
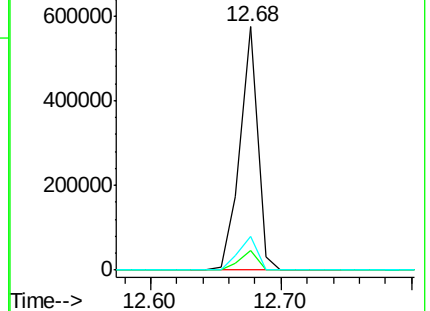
122 13.6 8.2 12.4#

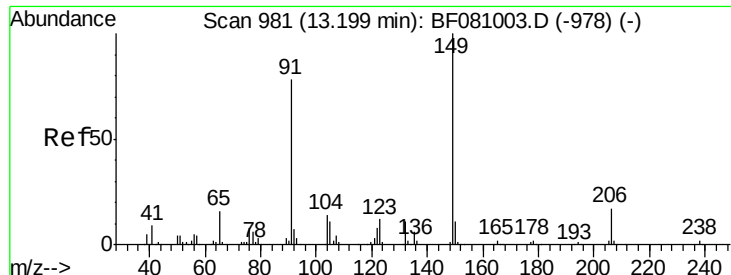


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

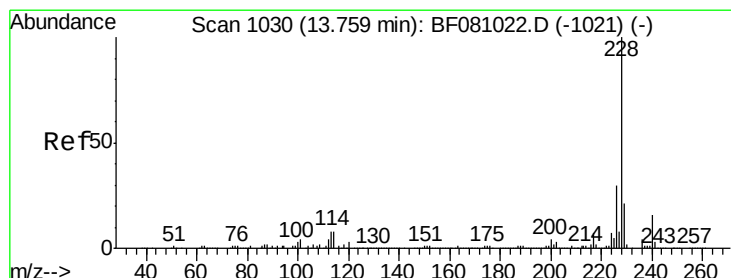
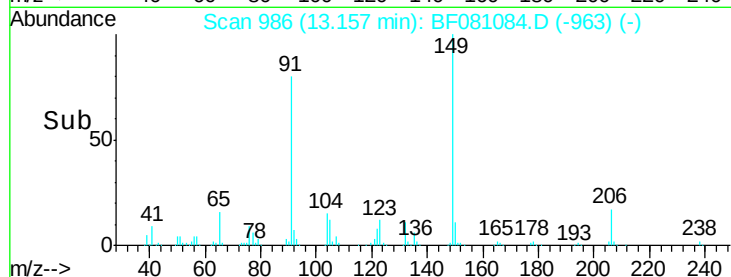
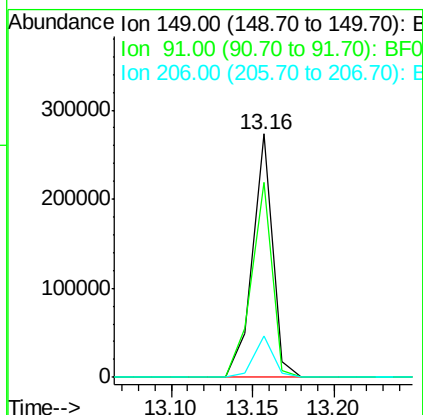
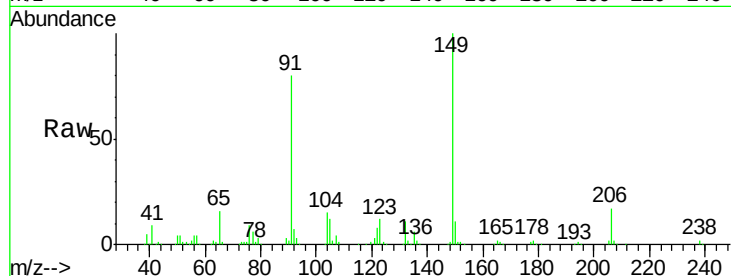




#79
Butylbenzylphthalate
Concen: 33.86 ng
RT: 13.16 min Scan# 986
Delta R.T. -0.04 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

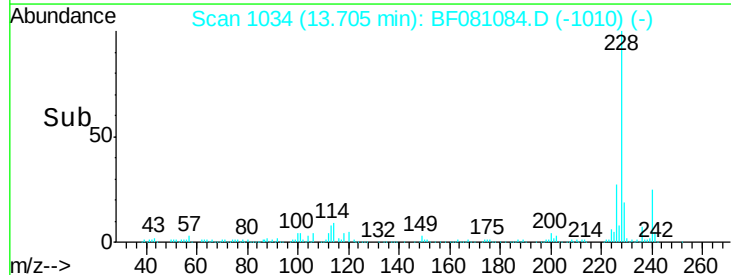
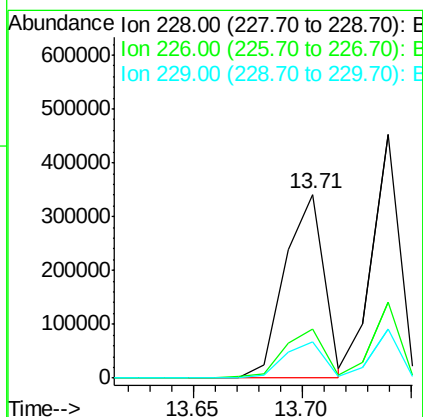
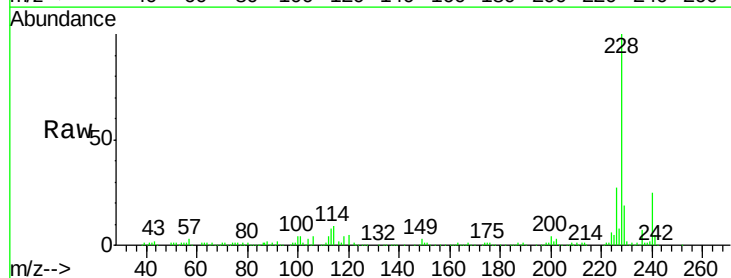
Instrument :
BNA_F
ClientSampleId :

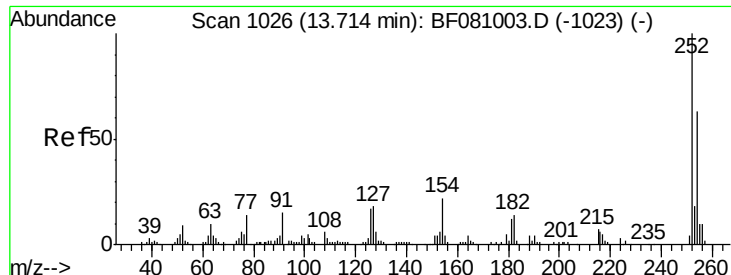
Tot Ion:149 Resp: 234809
Ion Ratio Lower Upper
149 100
91 80.3 46.9 70.3#
206 17.1 17.0 25.4



#80
Benzo(a)anthracene
Concen: 31.99 ng
RT: 13.71 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion:228 Resp: 425742
Ion Ratio Lower Upper
228 100
226 26.9 22.3 33.5
229 19.5 15.9 23.9

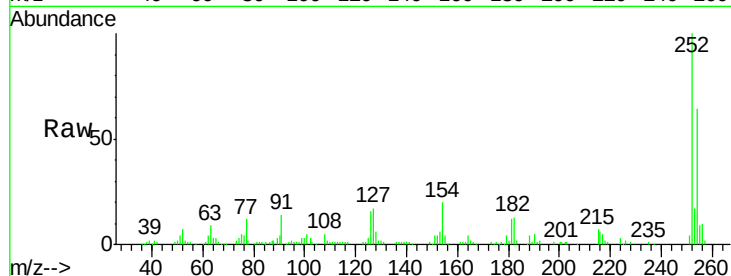




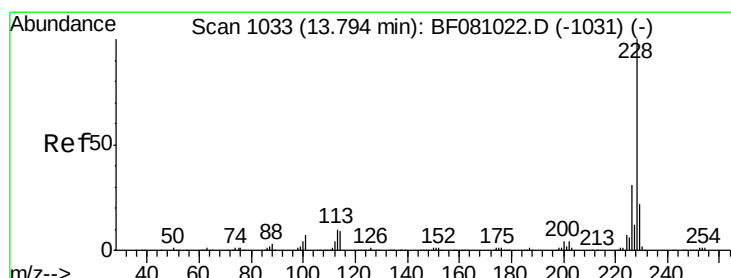
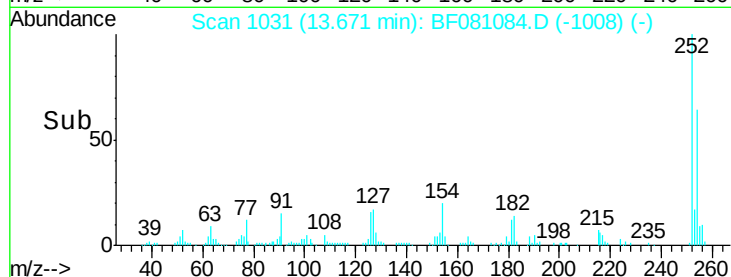
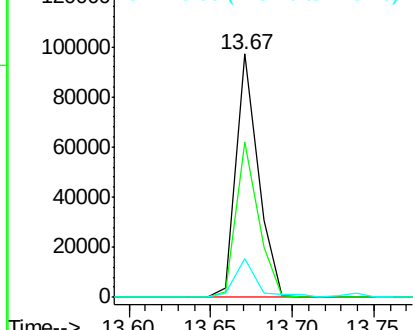
#81
 3,3'-Dichlorobenzidine
 Concen: 21.17 ng
 RT: 13.67 min Scan# 1031
 Delta R.T. -0.04 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 91263
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 16.2 12.5 18.7

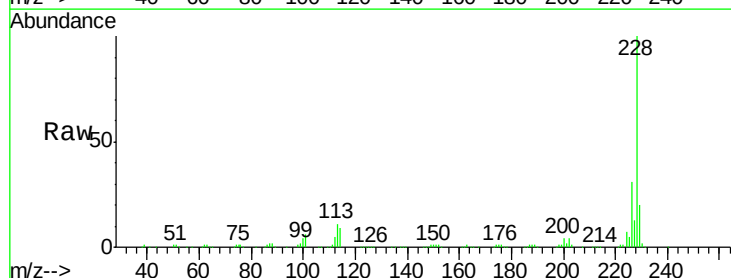


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

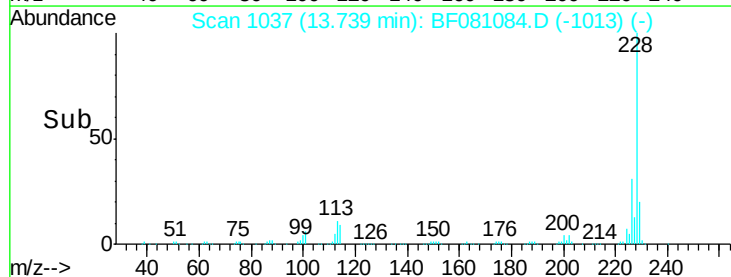
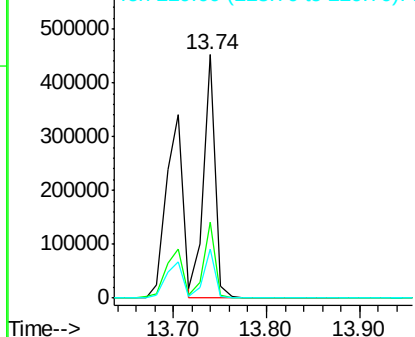


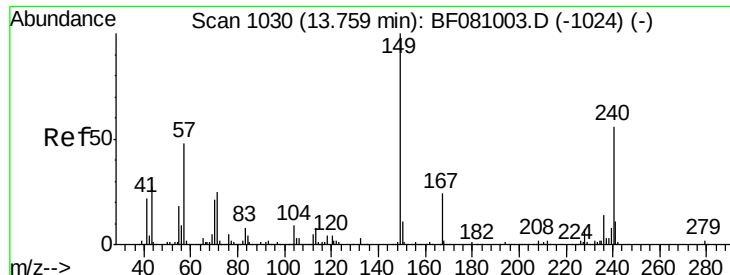
#82
 Chrysene
 Concen: 33.25 ng
 RT: 13.74 min Scan# 1037
 Delta R.T. -0.03 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion:228 Resp: 398783
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.4 36.6
 229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.64 ng

RT: 13.72 min Scan# 1035

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampleId :

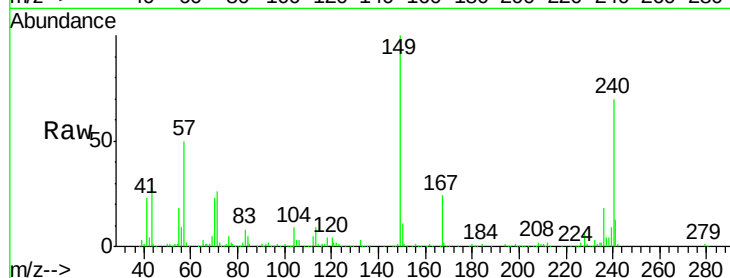
Tot Ion:149 Resp: 307720

Ion Ratio Lower Upper

149 100

167 24.2 20.7 31.1

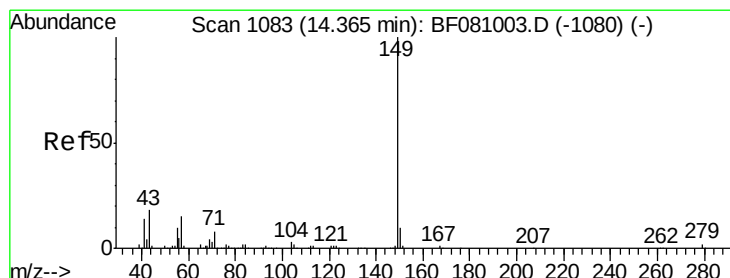
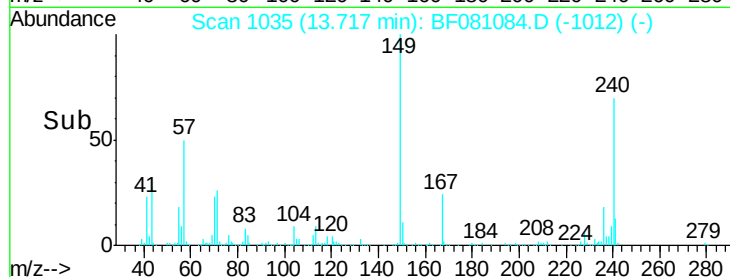
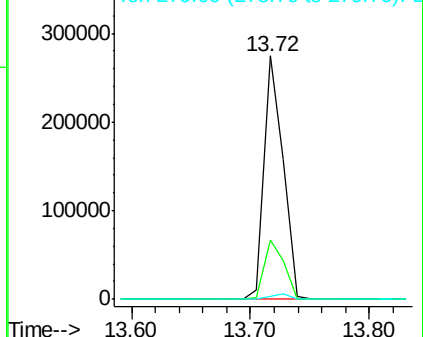
279 1.4 2.2 3.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.12 ng

RT: 14.33 min Scan# 1089

Delta R.T. -0.03 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

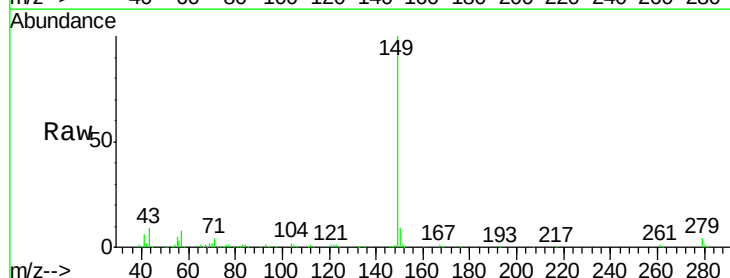
Tgt Ion:149 Resp: 541665

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

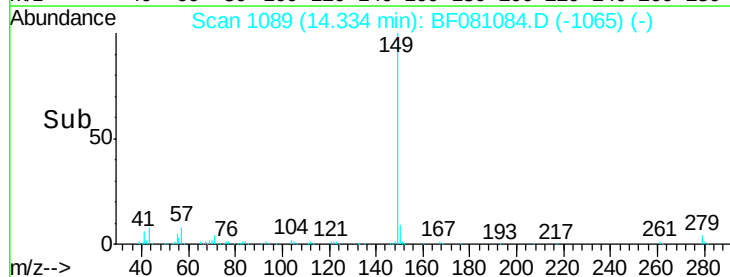
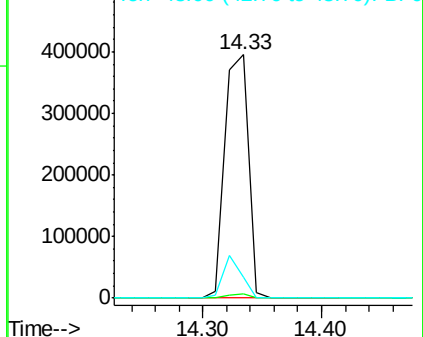
43 13.7 11.6 17.4

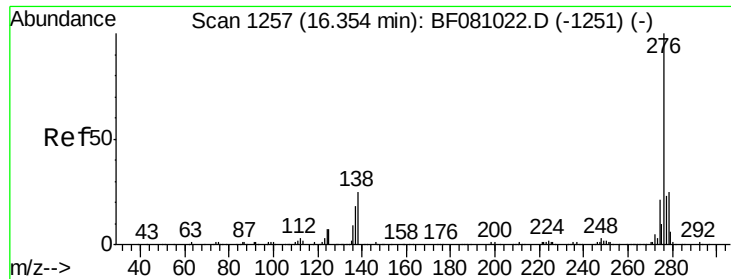


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

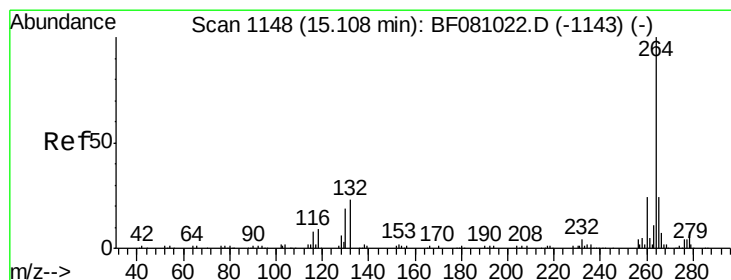
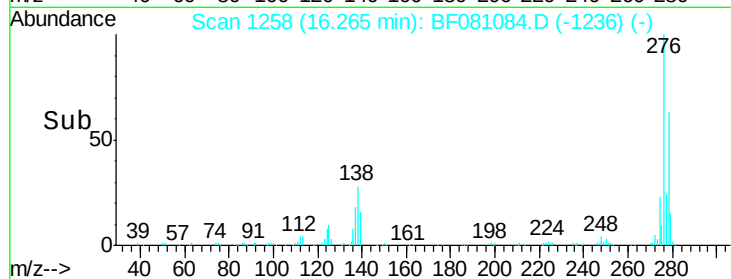
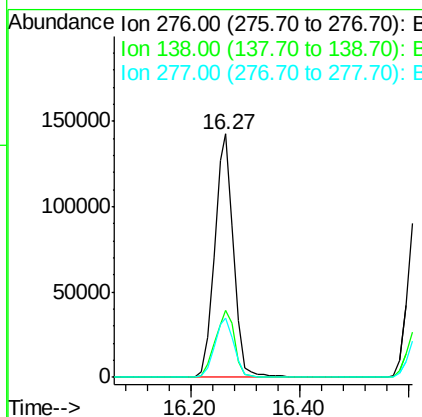
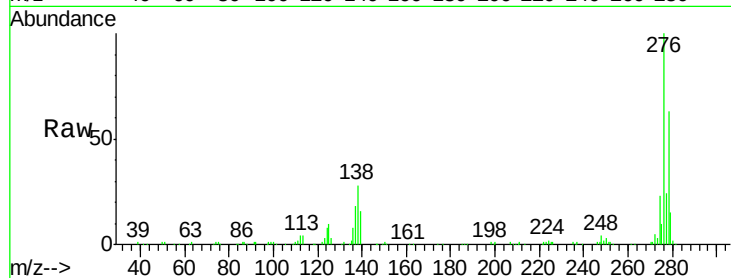




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.27 ng
 RT: 16.27 min Scan# 1258
 Delta R.T. -0.05 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

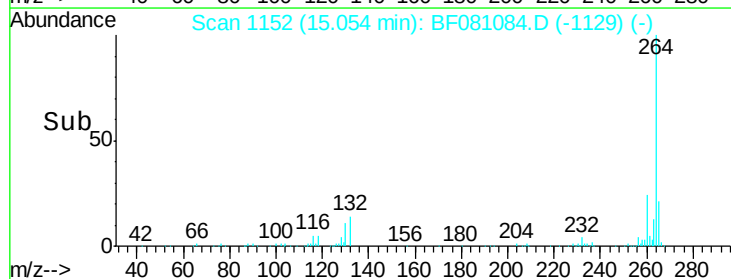
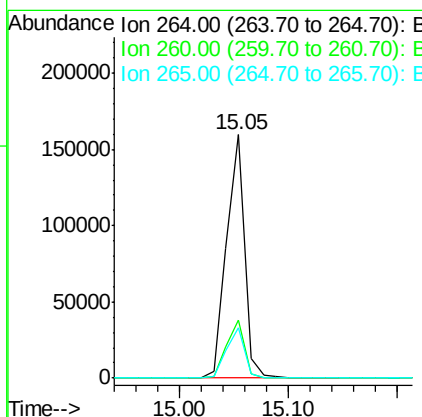
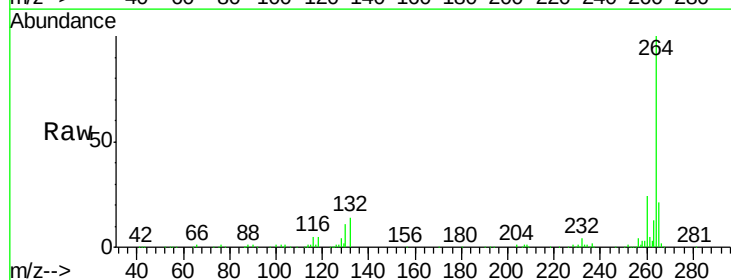
Instrument :
 BNA_F
 ClientSampleId :

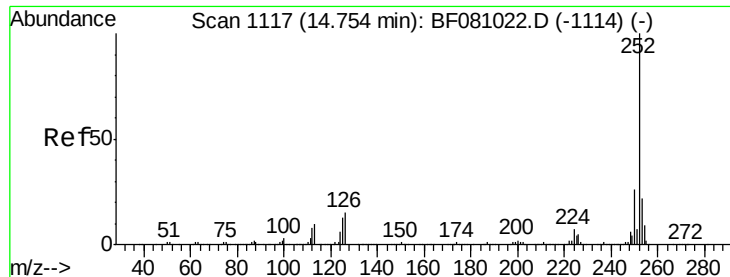
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.7	18.6	28.0#
277	24.9	19.8	29.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1152
 Delta R.T. -0.04 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.7	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 58.83 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

Instrument :

BNA_F

ClientSampled :

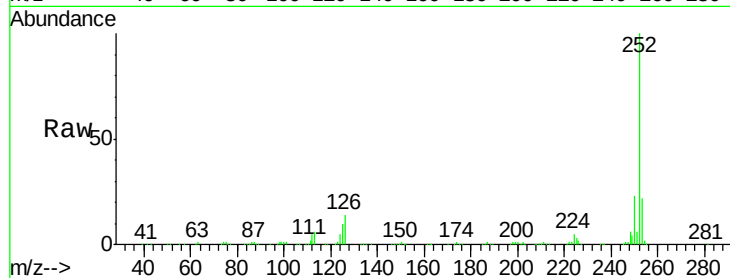
Tot Ion:252 Resp: 758960

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

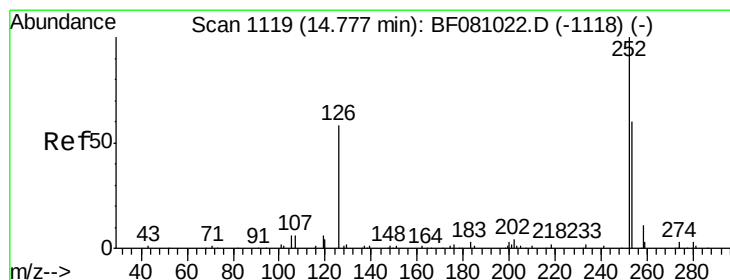
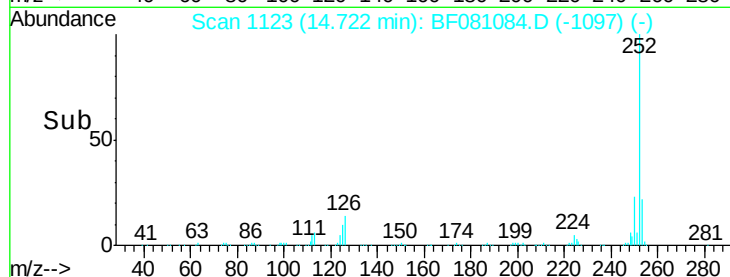
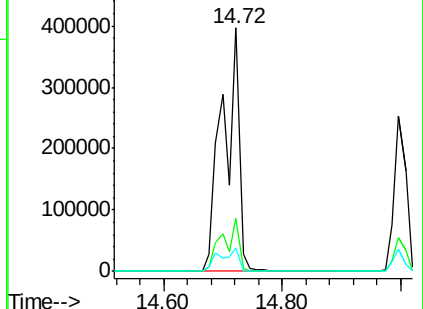
125 9.7 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 63.13 ng

RT: 14.72 min Scan# 1123

Delta R.T. -0.04 min

Lab File: BF081084.D

Acq: 19 Aug 2015 16:43

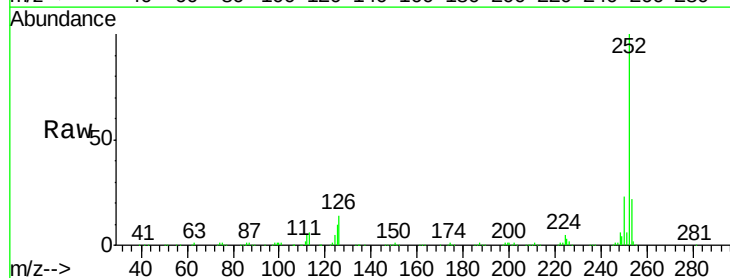
Tgt Ion:252 Resp: 758960

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

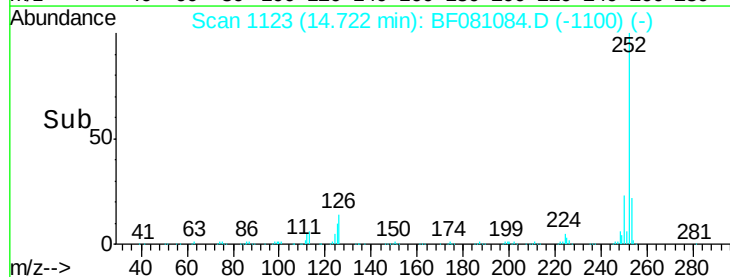
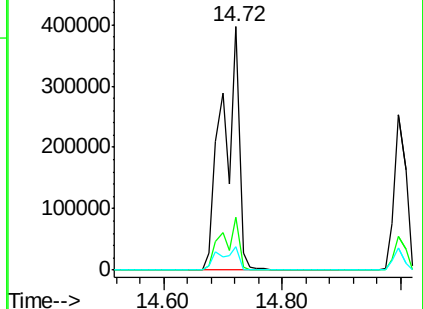
125 9.7 10.3 15.5#

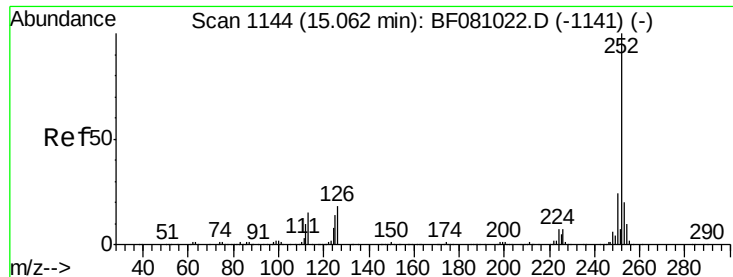


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

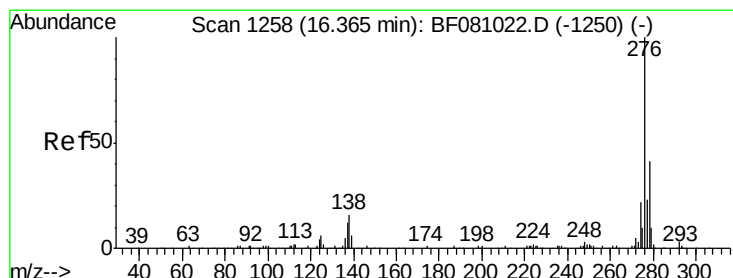
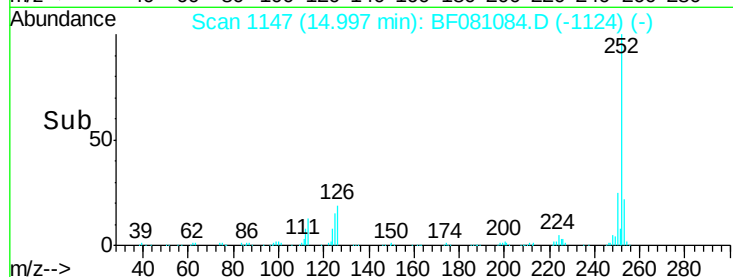
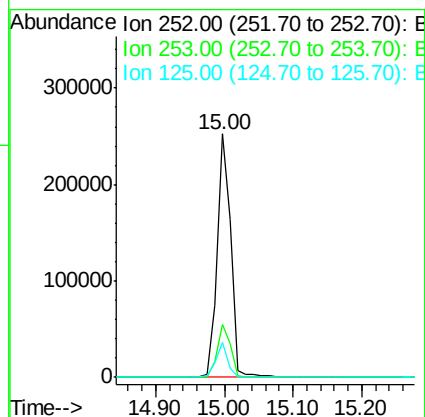
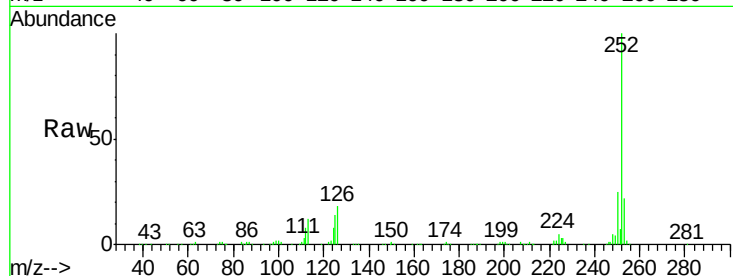




#89
Benzo(a)pyrene
Concen: 31.38 ng
RT: 15.00 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

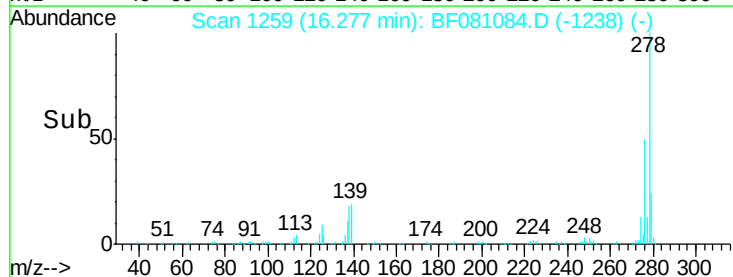
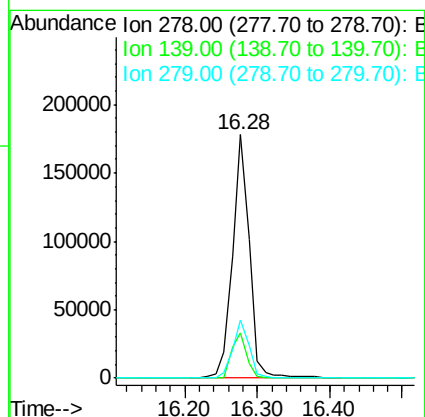
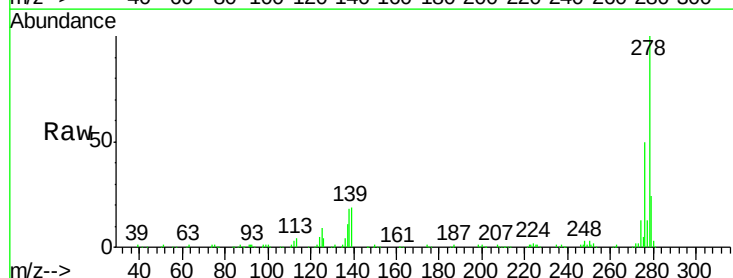
Instrument :
BNA_F
ClientSampleId :

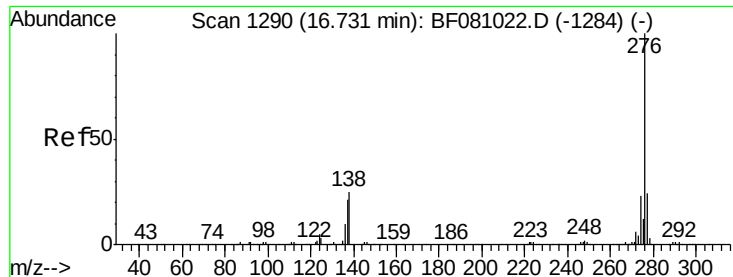
Tot Ion:252 Resp: 352715
Ion Ratio Lower Upper
252 100
253 21.7 16.6 25.0
125 14.2 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 32.78 ng
RT: 16.28 min Scan# 1259
Delta R.T. -0.07 min
Lab File: BF081084.D
Acq: 19 Aug 2015 16:43

Tgt Ion:278 Resp: 287123
Ion Ratio Lower Upper
278 100
139 18.8 10.8 16.2#
279 23.9 19.0 28.6

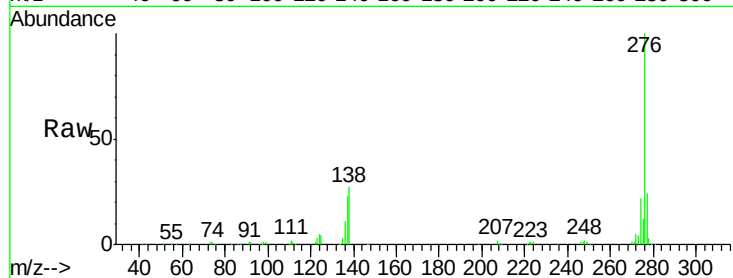




#91
 Benzo(a,h,i)perylene
 Concen: 31.88 ng
 RT: 16.62 min Scan# 1289
 Delta R.T. -0.07 min
 Lab File: BF081084.D
 Acq: 19 Aug 2015 16:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.2	27.2
138	27.2	13.7	20.5



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

